

QUARTERLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

REGISTERED IN THE

DIVISIONS, COUNTIES, AND PUBLIC HEALTH DISTRICTS

OF

SCOTLAND.

---

QUARTER ENDING 31st MARCH 1915.

---

Published by Authority of the Registrar-General.

CCXLI.

EDINBURGH:  
PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE

By J. SKINNER & Co., LTD., THISTLE STREET.

To be purchased from

H.M. STATIONERY OFFICE (SCOTTISH BRANCH), 23 FORTH STREET, EDINBURGH

1915.



# REPORT.

## REPORT ON THE BIRTHS, DEATHS AND MARRIAGES REGISTERED IN SCOTLAND DURING THE QUARTER ENDING 31ST MARCH 1915.

### BIRTHS.

The births of 31,008 living children were registered in Scotland during the quarter. This figure is 1082 more than that of the previous quarter, and 355 more than that of the first quarter of last year. It is 629 more than the mean of the annual number of births registered in the first quarters of the preceding five years, but 318 less than the mean of those of the preceding ten years. The births of this quarter number more than each of those of the first quarters of the years 1910, 1911, 1912, 1913 and 1914.

The Scottish quarterly birth-rate is 26·3 per thousand, which is 1·2 more than that of the previous quarter, but is the same as that of the first quarter of last year. It is 0·4 more than the mean of the birth-rates of the first quarters of the preceding five years, but 0·7 less than the mean of those of the preceding ten years.

Of the children registered, 16,054 were male, and 14,954 female, the ratio of male to female births being 107·4 to 100, which ratio in the previous quarter was 104·7 to 100, and in the first quarter of last year 103·5 to 100.

In the Divisions of the Counties the birth-rate of the quarter varied from 29·2 in the South-Western, 26·1 in the North-Eastern, and 25·6 in the West-Midland, to 19·4 in the Northern, 20·5 in the North-Western, and 20·9 in the Southern. In the East-Midland, it was 24·5; and in the South-Eastern, 23·6.

In the counties, burghs included, the quarterly birth-rate ranged from 31·8 in Linlithgow, 31·4 in Banff, 29·8 in Lanark, and 29·1 in Dumbarton, to 14·2 in Sutherland, 15·3 in Bute, 15·4 in Peebles, and 16·7 in Selkirk and in Shetland. In 2 counties this rate was more than 30; in 8, between 25 and 30; in 13, between 20 and 25; and in 10, less than 20.

In the larger burghs, *i.e.*, those burghs which at the date of the 1911 Census had populations of more than 30,000, the collective birth-rate of the quarter was 26·7 per thousand, which is 1·1 more than in the previous quarter, but 0·3 less than in the first quarter of last year. In these burghs taken individually the quarterly birth-rate ranged from 36·5 in Hamilton, 33·5 in Coatbridge, 33·4 in Greenock, and 32·7 in Motherwell, to 17·8 in Perth, 20·2 in Edinburgh, and 22·9 in Falkirk. In Clydebank this rate was 31·1; in Glasgow, 28·1; in Leith, 28·0; in Paisley, 25·9; in Kirkcaldy, 25·8; in Dundee, 25·7; in Aberdeen, 25·2; in Kilmarnock, 24·8; and in Ayr, 23·3.

In the smaller burghs, *i.e.*, those with censal populations of less than 30,000, the collective quarterly birth-rate was 26·0, which is 1·7 more than that of the previous quarter, and 0·5 more than that of the corresponding quarter of last year. In those of the smaller burghs which have censal populations of over 10,000 the quarterly birth-rate ranged from 38·2 in Wishaw, 37·6 in Port-Glasgow, 36·2 in Cowdenbeath, 35·2 in Johnstone, 33·2 in Dumbarton, and 32·0 in Airdrie, to 20·5 in Hawick, 21·3 in Arbroath, 21·5 in Montrose, and 23·0 in Inverness.



TABLE I.—BIRTHS, ILLEGITIMATE BIRTHS, DEATHS, and MARRIAGES in SCOTLAND, and in the Divisions of the Counties during the Quarter ending 31st March 1915, with relative rates ; also Infantile Mortality.

	POPULATION.		TOTAL BIRTHS.		ILLEGITIMATE BIRTHS.		DEATHS.		MARRIAGES.		DEATHS OF CHILDREN OF UNDER ONE YEAR.	
	Census 1911	Estimated to middle of 1915.	Number.	Rate per 1000 of Pop.	Number.	Percent. of Total Births.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 Births.
SCOTLAND,.....	4760904	4780900	31608	26·3	2226	7·2	*24981	21·2	7993	6·8	4842	156
LARGER BURGHS	2245735	2345500	15421	26·7	967	6·3	12863	22·2	4881	8·4	2600	169
SMALLER BURGHS	954090	932200	5967	26·0	428	7·2	4974	21·6	1518	6·6	980	164
COUNTY DISTRICTS	1561079	1503200	9620	26·0	831	8·6	7059	19·0	1594	4·3	1262	131
Northern Division,	105997	98100	470	19·4	37	7·9	517	21·4	87	3·6	51	109
North-Western Do.	164636	153400	777	20·5	71	9·1	885	23·4	175	4·6	84	108
North-Eastern Do.	467333	450300	2902	26·1	398	13·7	2378	21·4	644	5·8	478	165
East-Midland Do.	712146	704000	4258	24·5	315	7·4	4192	24·2	1079	6·2	849	199
West-Midland Do.	386312	382400	2412	25·6	153	6·3	1309	19·2	538	5·7	341	141
South-Western Do.	2033521	2108700	15170	29·2	861	5·7	10739	20·7	3971	7·6	2284	151
South-Eastern Do.	700577	705100	4098	23·6	272	6·6	3359	19·3	1253	7·2	620	151
Southern Do.	190382	178900	921	20·9	119	12·9	1017	23·1	246	5·6	135	147

\* Including 85 unallocated deaths. (See page 34).

In the county, or extraburghal, public health districts the collective birth-rate of the quarter was 26·0, which is 1·1 more than that of the previous quarter, and 0·3 more than that of the first quarter of last year. In county districts with censal populations of more than 10,000, the quarterly birth-rate varied from 38·9 in Bathgate District of Linlithgow, 36·0 in Calder District of Midlothian, 35·8 in Middle Ward District of Lanark, 34·5 in Kirkealdy District of Fife, 33·4 in Ayr District of Ayr, and 33·2 in Dunfermline District of Fife, to 14·8 in County District of Sutherland, 15·2 in Mainland District of Shetland, 15·8 in Cupar District of Fife, 16·1 in Western District of Perth, 17·2 in Highland District of Perth, and 18·0 in Mid-Ross District of Ross and Cromarty.

Of the 31,008 children whose births were registered during the quarter, 28,782, or 92·8 per cent., were legitimate, while 2226, or 7·2 per cent. were illegitimate. The legitimate children of the quarter are 1065 more than those of the previous quarter, and 297 more than those of the first quarter of last year. The illegitimate children of the quarter are 17 more than those of the previous quarter, and 58 more than those of the first quarter of last year. The illegitimate rate of the quarter is 0·2 less than that of the previous quarter, but 0·1 more than that of the fourth quarter of last year. It is 0·8 more than the mean of the illegitimate rate of the first quarters of the preceding five years, and the same amount more than the mean of those of the preceding ten years.

In the counties, burghs included, the illegitimate birth-rate of the quarter ranged from 25·6 per cent. in Kinross, 15·3 in Kirkcudbright, 15·3 in Wigtown, 14·6 in Elgin, and 14·0 in Banff, to 4·6 in Dumbarton, 4·7 in Renfrew, 5·1 in Fife, 5·6 in Shetland, and 5·7 in Lanark. In 14



counties this rate was more than 10 per cent.; in 17, more than 5 but less than 10 per cent.; and in 2, less than 5 per cent.

In the Larger Burghs taken collectively this rate was 6·3; in the Smaller Burghs, 7·2; and in the County Districts, 8·6.

The birth-rate of the quarter in England and Wales was 24·1, which is 2·2 less than in Scotland.

### MARRIAGES.

Marriages registered in Scotland during the quarter numbered 7993. They number 20 more than in the previous quarter, but 637 fewer than in the first quarter of last year. They are 484 more than the mean of the numbers registered in the first quarters of the preceding five years, and 625 more than the mean of those registered in the preceding ten years. The quarterly marriage-rate was 6·8, which is 0·1 more than that of the previous quarter, but 0·6 less than that of the first quarter of last year. This rate is 0·4 more than the mean of the marriage-rates of the preceding five years, and the same amount more than the mean of those of the preceding ten years.

In the divisions of the counties the marriage-rate of the quarter varied from 7·6 in the South-Western, and 7·2 in the South-Eastern, to 3·6 in the Northern, and 4·6 in the North-Western. In the East-Midland Division this rate was 6·2; in the North-Eastern, 5·8; in the West-Midland, 5·7; and in the Southern, 5·6.

In the counties, burghs included, the marriage-rate ranged from 8·2 in Midlothian, 7·9 in Lanark, 6·9 in Ayr, and 6·7 in Aberdeen and in Renfrew, to 1·8 in Nairn, 2·2 in Sutherland, 2·6 in Bute, and 2·8 in Kincardine.

In the larger burghs taken collectively the marriage-rate of the quarter was 8·4; in the smaller burghs, 6·6; and in the county, or extra-burghal districts, 4·3. Compared with the corresponding rate of the first quarter of last year, that of the larger burghs is 0·1 less; that of the smaller burghs, 0·9 less; and that of the county districts, 1·4 less.

In the larger burghs taken separately the marriage-rate of the quarter varied from 9·8 in Kilmarnock, 9·2 in Edinburgh, 9·1 in Aberdeen, and 9·0 in Glasgow, to 4·5 in Coatbridge, 5·9 in Clydebank, 6·3 in Motherwell, and 6·5 in Hamilton.

### DEATHS.

Deaths registered in Scotland during the quarter numbered 24,981. These deaths number 6478 more than registered in the previous quarter, and 4323 more than registered in the first quarter of last year. They are 4372 more than the mean of the numbers registered in the first quarters of the preceding five years, and 3735 more than the mean of those in the preceding ten years. With one exception this is the largest number of deaths registered in a quarter in Scotland, that exception being the number registered in the first quarter of the year 1900, which was 26,106.

The Scottish quarterly death-rate was 21·2 per thousand, which is 5·7 more than that of the previous quarter, 3·5 more than that of the first quarter of last year, 3·6 more than the mean of the death-rates of the first quarters of the preceding five years, and 2·8 more than the mean of those of the preceding ten years. Compared with the death-rates of all quarters of the years 1890 to 1914, this quarterly death-rate is found to be higher than all with the exceptions of those of the first quarters of the years 1890, 1891, 1892, 1895, and 1900, and the fourth quarter of 1891.



TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1905 to 1915 inclusive.

	1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915	
	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.
FIRST QUARTER.																						
Births, . . . . .	32004	28·3	32976	29·0	31508	27·5	32503	27·9	32373	27·9	30422	26·1	30710	26·1	30272	25·6	29838	25·6	30653	26·3	31008	26·3
Deaths, . . . . .	20820	18·4	20488	18·9	22635	19·8	23997	20·6	21469	18·5	20605	17·7	19848	16·9	20671	17·5	21270	18·2	20658	17·7	24981	21·2
Marriages, . . . . .	6867	6·1	7302	6·4	7268	6·3	7591	6·5	7111	6·1	7817	6·3	6758	5·8	6994	5·9	7844	6·7	8630	7·4	7993	6·8
Mean Temperat.	40°·2		37°·9		39°·0		38°·8		37°·9		38°·7		39°·4		39°·4		38°·9		39°·8		38°·2	
SECOND QUARTER.																						
Births, . . . . .	35476	31·0	34960	30·4	34511	29·8	35611	30·5	34671	29·6	33812	28·6	32935	27·7	32221	27·3	32211	27·3	33002	28·0		
Deaths, . . . . .	18763	16·4	19306	16·8	20119	17·4	19499	16·7	18478	15·8	18593	15·8	18027	15·2	17728	15·0	18147	15·4	18165	15·4		
Marriages, . . . . .	8153	7·1	8699	7·6	8864	7·7	8813	7·6	8171	7·0	7928	6·7	8567	7·2	8209	7·0	8508	7·2	9091	7·7		
Mean Temperat.	49°·2		48°·7		47°·4		48°·9		48°·6		48°·7		50°·3		49°·8		49°·1		50°·5			
THIRD QUARTER.																						
Births, . . . . .	33044	28·6	32109	27·6	31427	26·8	32612	27·7	31186	26·3	30061	25·2	29653	24·7	30166	25·3	29439	24·7	30342	25·5		
Deaths, . . . . .	16412	14·2	16439	14·1	15721	13·4	16325	13·9	14964	12·6	15331	12·8	16138	13·4	15219	12·8	16192	13·6	16222	13·6		
Marriages, . . . . .	8178	7·1	8576	7·4	8994	7·7	8044	6·8	7777	6·6	7975	6·7	8434	7·0	8778	7·4	9028	7·6	9357	7·9		
Mean Temperat.	55°·6		56°·0		54°·2		55°·2		54°·5		55°·1		57°·1		53°·1		55°·6		56°·4			
FOURTH QUARTER.																						
Births, . . . . .	30857	26·7	31875	27·4	31343	26·8	30611	26·0	30352	25·6	29705	24·9	28513	23·7	30057	25·2	29011	24·3	29926	25·1		
Deaths, . . . . .	18531	16·0	19352	16·6	18792	16·0	18018	15·3	19683	16·6	17716	14·8	17718	14·8	18719	15·7	17464	14·6	18503	15·5		
Marriages, . . . . .	8045	7·0	8546	7·3	8134	6·9	7135	6·1	7033	5·9	7646	6·4	8052	6·7	8529	7·1	8314	7	7973	6·7		
Mean Temperat.	41°·9		43°·2		42°·5		45°·3		40°·7		42°·3		42°·3		42°·4		44°·3		42°·8			
YEAR.																						
Population . . . . .	4,592,036		4,620,720		4,649,536		4,678,629		4,707,858		4,737,268		4,749,673		4,741,077		4,728,132		4,747,167			
Births, . . . . .	131381	28·6	131920	28·5	128789	27·7	131337	28·1	128582	27·3	124000	26·2	121811	25·6	122716	25·9	120549	25·5	123923	26·1		
Deaths, . . . . .	74526	16·2	75585	16·4	77267	16·6	77839	16·6	74594	15·8	72245	15·3	71726	15·1	72337	15·3	73073	15·5	73548	15·5		
Marriages, . . . . .	31243	6·8	33123	7·2	33260	7·2	31583	6·8	30092	6·4	30866	6·5	31811	6·7	32510	6·9	33689	7·1	35051	7·4		



In the Divisions of the Counties the death-rate of the quarter varied from 24·2 in the East-Midland, 23·4 in the North-Western, and 23·1 in the Southern, to 19·2 in the West-Midland and 19·3 in the South-Eastern. In the Northern division this rate was 21·4; in the North-Eastern, 21·4; and in the South-Western, 20·7.

In the counties, burghs included, the quarterly death-rate ranged from 31·5 in Kinross, 29·2 in Forfar, 25·9 in Elgin, 25·6 in Dumfries, and 25·2 in Clackmannan, to 14·2 in Peebles, 15·4 in Haddington, 16·3 in Bute, and 17·7 in Selkirk. In nineteen counties this rate was more than 20 per thousand; in 13, more than 15 but less than 20; and in only one was it less than 15.

In the larger burghs taken collectively the quarterly death-rate was 22·2; in the smaller burghs, 21·6; and in the county districts, 19·0; compared with the rates of the first quarter of last year that of the larger burghs is 3·8 more; of the smaller burghs, 3·6 more; and that of the county districts, 2·4 more.

In the larger burghs taken separately the quarterly death-rate ranged from 32·3 in Dundee, 23·7 in Greenock, and 23·2 in Aberdeen, to 15·4 in Clydebank, 15·8 in Motherwell, 18·4 in Paisley, and 18·9 in Coatbridge. In Falkirk this rate was 22·6; in Glasgow, 22·2; in Perth 22·0; in Kilmarnock, 20·8; in Leith, 20·7; in Edinburgh 20·6; in Kirkcaldy, 20·6; and in Hamilton, 19·2.

In the smaller burghs having populations of more than 10,000 the quarterly death-rate ranged from 33·3 in Dumfries, 29·7 in Arbroath, 28·4 in Inverness, 28·1 in Montrose, 27·4 in Peterhead, and 26·7 in Alloa, to 13·8 in Borrowstounness, 15·2 in Grangemouth, 17·2 in Cowdenbeath, 17·3 in Dumbarton, 17·9 in Wishaw, 18·2 in Barrhead, and 18·4 in Rutherglen.

In the county districts with populations of over 10,000 the death-rate varied from 33·3 in Easter-Ross District of Ross and Cromarty, 26·6 in Mid-Ross District of Ross and Cromarty, 25·1 in Mainland District of Shetland, 24·8 in County District of Clackmannan, 24·5 in Skye District of Inverness, and 24·4 in Perth District of Perth, to 10·5 in Ellon District of Aberdeen, 13·1 in Western District of Perth, 14·0 in Carrick District of Ayr, 14·2 in Lower Ward District of Lanark, 14·3 in Western District of Haddington, and 14·5 in Lasswade District of Midlothian.

All figures relative to the number of deaths and to death-rates given in this report are corrected for the deaths of non-residents registered in the counties, burghs or districts, and for residents of those places registered in Scotland but outwith them.

The death-rate of the quarter in England and Wales was 19·3 per thousand, which is 1·9 less than the Scottish rate.

#### AGES OF THOSE DYING.

Of the 24,981 persons whose deaths were registered during the quarter, 7740, or 31·0 per cent., were less than five years old, 9490, or 38·0 per cent., were more than five but less than sixty-five years old, 7742, or 31·0 per cent., were more than sixty-five, while the ages of nine were not stated. Compared with the returns of the previous quarter deaths of children of less than five years old are 2600 more; of persons of between five and sixty-five 1690 more; and of persons of over sixty-five, 2179 more. Compared with the returns of the first quarter of last year deaths of children of less than five are 1590 more; of persons of



between five and sixty-five, 1389 more; and of persons of over sixty-five, 1335 more.

Deaths of children of less than one year old numbered 4842. They are 1408 more than registered in the previous quarter and 904 more than registered in the corresponding quarter of last year. The infantile mortality rate was 156 per thousand births, which is 41 more than that of the previous quarter, and 28 more than that of the first quarter of last year.

In the counties, burghs included, the infantile mortality rate of the quarter ranged from 279 in Kinross, 251 in Forfar, 222 in Elgin, 212 in Clackmannan, 188 in Kincardine, 185 in Nairn, and 182 in Peebles, to 57 in Berwick, 77 in Sutherland, 80 in Argyll, 91 in Caithness, 91 in Ross and Cromarty, and 92 in Selkirk. In four counties this rate exceeded 200; in 13 it was between 150 and 200; in 10, between 100 and 150; and in 6, less than 100.

In the Larger Burghs taken collectively the infantile mortality rate of the quarter was 169 per thousand births; in the Smaller Burghs, 164; and in the County Districts, 131. Compared with the rate of the previous quarter that of the Larger Burghs is 31 more; of the Smaller Burghs 66 more; and of the County Districts 43 more. Compared with the rate of the first quarter of last year that of the Larger Burghs is 36 more; of the Smaller Burghs 22 more; and of the County Districts 18 more.

In the larger burghs taken individually this rate varied from 299 per thousand births in Dundee, 231 in Perth, and 216 in Falkirk, to 112 in Hamilton, 114 in Paisley, and 119 in Motherwell. In Aberdeen this rate was 195; in Leith, 182; in Kilmarnock, 181; in Ayr, 171; in Kirkcaldy, 162; in Clydebank, 161; in Greenock, 159; in Glasgow, 158; in Edinburgh, 148; and in Coatbridge, 137.

In the smaller burghs with populations of more than 10,000 this rate ranged from 304 in Dumfries, 302 in Buckhaven Methil and Innerleven, 269 in Alloa, 253 in Arbroath, 245 in Peterhead, and 222 in Airdrie, to 51 in Dumbarton, 82 in Rutherglen, 97 in Grangemouth, 116 in Barrhead, 122 in Renfrew, and 125 in Borrowstounness.

In the county districts with populations of over 10,000 this rate ranged from 238 in Linlithgow District of Linlithgow, 211 in Western District of Dumbarton, 207 in County District of Elgin, 185 in Mainland District of Shetland, 183 in Kirkcaldy District of Fife, and 179 in Bathgate District of Linlithgow, to 0 in Central District of Perth, 39 in Highland District of Perth, 44 in Lorn District of Argyll, 52 in Lews District of Ross and Cromarty, 57 in Garioch District of Aberdeen, and 65 in Ellon District of Aberdeen.

The infantile mortality rate of the quarter in England and Wales was 128, which is 28 less than the Scottish rate.

### CAUSES OF DEATH.

Of the 24,981 deaths, 2582, or 10·34 per cent. of the total, were ascribed to one or other of the principal epidemic diseases, and included 58 from enteric fever, 283 from measles, 237 from scarlet fever, 1471 from whooping-cough, 254 from diphtheria, and 279 from the diarrhoeas of childhood. These deaths collectively are 903 more than in the previous quarter, and 687 more than in the first quarter of last year. They are equal to a death-rate of 2·19 per thousand, which is 0·78 more than that of the previous quarter, and 0·56 more than that of the first quarter of last year. Compared with the returns of the previous quarter deaths from



whooping-cough are 1050 more, and from measles 218 more, but those from enteric fever are 19 fewer, from scarlet fever 51 fewer, from diphtheria 69 fewer, and from the diarrhœas of childhood 226 fewer. The quarterly death-rate from enteric fever was 5 per 100,000; from measles, 24; from scarlet fever, 20; from whooping-cough, 125; from diphtheria, 22; and from the diarrhœas of childhood, 24.

In the larger burghs the death-rate per 1000 from the principal epidemic diseases varied from 8·3 in Dundee, 3·2 in Glasgow, 2·5 in Clydebank, and 2·4 in Greenock and in Kilmarnock, to 0·6 in Coatbridge, 0·7 in Kirkcaldy, 0·8 in Falkirk, and 0·9 in Perth. In Glasgow there were 563 deaths from whooping-cough, 82 from measles, 78 from scarlet fever, 51 from diphtheria, and 20 from enteric fever. In Edinburgh there were 68 deaths from whooping-cough, 36 from diphtheria, 10 from scarlet fever, 3 from measles, and 2 from enteric fever. In Dundee there were 250 deaths from whooping-cough, 88 from measles, and 8 from diphtheria, but none from scarlet fever or from enteric fever. In Aberdeen there were 26 deaths from scarlet fever, 19 from diphtheria, 14 from whooping-cough, 6 from measles, and none from enteric fever.

Relatively high death-rates from the principal epidemic diseases occurred in Airdrie, 8·0; in Inverness (Burgh), 4·1; in Easter-Ross Districts of Ross and Cromarty, 3·8; in Allôa, 3·6; in Kirkintilloch, 3·4; in Dumfries, 3·2; in Bathgate District of Linlithgow, 3·1; and in Port-Glasgow, 3·1. In three of the larger county districts no deaths from the principal epidemic diseases were registered during the quarter, these districts being Turriff District of Aberdeen, Annan District of Dumfries, and County District of Sutherland.

Deaths from other infectious diseases included 1 from typhus fever, 2 from dysentery, and 58 from erysipelas. Deaths from influenza (uncomplicated) numbered 299, and from cerebro-spinal meningitis 64.

Deaths from all forms of tuberculous disease numbered 2076, constituted 8·31 per cent. of the total deaths of the quarter, and are equal to an annual death-rate of 176 per 100,000. These deaths are 302 more than in the previous quarter, and 121 more than in the first quarter of last year. This rate is 27 more than that of the previous quarter, and 8 more than that of the corresponding quarter of last year. These deaths included 1451 from phthisis, 235 from tuberculous meningitis, 184 from abdominal tuberculosis, and 206 from other forms of tuberculous disease. The phthisis deaths of the quarter are 245 more than those of the previous quarter, and 209 more than those of the first quarter of last year; they are equal to an annual death-rate of 123 per 100,000, which is 22 more than that of the previous quarter, and 16 more than that of the first quarter of last year.

Deaths from malignant disease numbered 1254, constituted 5·02 per cent. of the total deaths of the quarter, and are equal to an annual death-rate of 106 per 100,000. These deaths are 97 fewer than in the previous quarter, and 41 fewer than in the first quarter of last year. They included 740 deaths from carcinoma, 55 from sarcoma, and 459 from other or unspecified form of cancer.

Deaths from apoplexy numbered 1410, and from heart disease, 2100. The former are 182 more than in the previous quarter, and the latter are 422 more.

Deaths from bronchitis numbered 2750, and from pneumonia 2883. The former are 1512 more than in the previous quarter, and 906 more



than in the first quarter of last year. The latter are 1422 more than in the previous quarter, and 935 more than in the first quarter of last year. The equivalent annual death-rate from the former was 233 per 100,000, and from the latter 245.

Deaths from diseases and accidents of pregnancy and childbirth, including those certified as due to puerperal septic conditions, numbered 201. Births during the quarter numbered 31,008, and these deaths are equal to a death-rate of 6·5 per thousand registered births, which rate is 0·8 more than that of the previous quarter, but is 0·3 less than that of the first quarter of last year. Included among these deaths, among others, there were 53 from puerperal sepsis, 24 from puerperal hæmorrhage, and 23 from puerperal albuminuria or convulsions.

Deaths attributed to violent causes numbered 874, constituted 3·50 per cent. of the total deaths of the month, and are equal to an annual death-rate of 74 per 100,000. They number 43 more than in the previous quarter, and 127 more than in the first quarter of last year. This death-rate is 4 more than that of the previous quarter, and 10 more than that of the first quarter of last year. Of these 874 violent deaths, 45 were ascribed to suicide, 5 to homicide, 18 to injuries received at war, and 806 to accident. Of the deaths by accident 161 were due to drowning, 144 to burns, 26 to overlaying, 35 to other forms of suffocation, 76 to falls, 25 to accidents in mines and quarries, 36 to accidents on railways, 21 to accidents with motor vehicles, and 12 to accidents with horses, horse vehicles, and tramways.

Deaths from ill-defined causes numbered 651, and, among others, included 330 from heart failure, and 77 from syncope. In 181 instances the cause of death was unstated or merely described as Natural Causes.

### WEATHER.

The Meteorological Returns, which appear in the Registrar-General's Monthly Reports, and which refer more particularly to observations made in eight of the larger burghs, show that *January* was characterised by an abnormally low mean pressure; a slightly low mean temperature, with a rather low mean daily range; a rather low mean rainfall; and an excess of winds from both S.E. and N.W. *February* was characterised by an abnormally low mean pressure; a slightly low mean temperature, with a slightly low mean daily range; a very high mean rainfall; and an excess of southerly and south-westerly winds. *March* was characterised by a high mean pressure; a slightly high mean temperature, with a slightly high mean daily range; a somewhat low mean rainfall; and an excess of winds from a northerly quarter.

Observations made *throughout Scotland* show that the mean height of the barometric column, reduced to sea-level and 32° Fahr., was 29·475 inches in January, 29·434 inches in February, and 29·941 inches in March. The mean temperature was 38°·2, being 0°·8 below the average mean temperature for the corresponding quarter of the last ten years. The mean temperature in January was 37°·1, in February 37°·6, and in March 40°·0. The absolutely highest temperature recorded in January was 54°, in February 56°, and in March 65°. The absolutely lowest temperature recorded in January was 13°, in February 11°, and in March 11°. The mean number of days on which rain fell was 18 in January, 21 in February, and 16 in March. The mean amount collected was 3·59 inches in January, 5·22 inches in February, and 2·40 inches in March.



TABLE A.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF THE COUNTIES OF SCOTLAND  
DURING THE QUARTER ENDING 31ST MARCH 1915.

COUNTIES.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
SCOTLAND . . . . .	4,780,900	26·3	6·8	21·2	2·2	7·2	156
Aberdeen . . . . .	303,600	25·4	6·7	21·4	1·6	13·8	159
Argyll . . . . .	63,500	18·3	3·4	20·9	1·1	11·8	80
Ayr . . . . .	263,900	26·4	6·9	18·5	1·4	6·9	146
Banff . . . . .	58,100	31·4	3·8	18·7	1·4	14·0	140
Berwick . . . . .	27,600	17·9	4·0	19·1	0·0	8·2	57
Bute . . . . .	17,000	15·3	2·6	16·3	0·7	7·8	156
Caithness . . . . .	29,500	22·7	3·6	19·9	0·5	10·3	91
Clackmannan . . . . .	29,100	23·0	5·3	25·2	2·2	7·9	212
Dumbarton . . . . .	141,200	29·1	6·4	18·9	2·1	4·6	150
Dumfries . . . . .	69,000	22·5	5·5	25·6	1·0	13·1	172
Edinburgh (Midlothian) . . . . .	515,400	23·1	8·2	20·1	1·5	6·4	154
Elgin . . . . .	40,500	26·1	6·0	25·9	0·9	14·6	222
Fife . . . . .	274,100	28·0	6·6	20·2	1·2	5·1	169
Forfar . . . . .	274,600	24·0	6·6	29·2	6·0	8·4	251
Haddington . . . . .	42,800	24·4	4·1	15·4	0·3	7·0	113
Inverness . . . . .	81,400	19·1	5·2	24·2	2·1	9·1	125
Kincardine . . . . .	39,300	24·6	2·8	21·0	1·9	11·7	188
Kinross . . . . .	7,300	23·8	3·3	31·5	0·6	25·6	279
Kirkcudbright . . . . .	35,900	20·0	4·7	23·8	1·7	15·3	119
Lanark . . . . .	1,557,900	29·8	7·9	21·2	3·0	5·7	155
Linlithgow . . . . .	81,000	31·8	5·5	18·2	2·2	6·1	178
Nairn . . . . .	8,800	24·8	1·8	21·1	1·8	13·0	185
Orkney . . . . .	23,600	22·6	4·3	22·0	0·2	7·6	106
Peebles . . . . .	14,500	15·4	3·4	14·2	1·1	12·7	182
Perth . . . . .	118,900	18·1	4·9	20·9	1·2	10·9	139
Renfrew . . . . .	286,900	28·5	6·7	19·8	1·7	4·7	132
Ross and Cromarty . . . . .	71,900	22·2	3·9	22·5	1·6	9·1	91
Roxburgh . . . . .	44,000	18·8	6·3	19·8	0·5	8·8	113
Selkirk . . . . .	23,800	16·7	3·2	17·7	0·3	11·2	92
Shetland . . . . .	26,300	16·7	4·0	24·4	0·5	5·6	157
Stirling . . . . .	160,700	26·4	6·3	19·1	1·4	6·4	149
Sutherland . . . . .	18,600	14·2	2·2	18·8	0·0	6·2	77
Wigtown . . . . .	30,000	21·2	5·8	21·0	2·0	15·3	159



TABLE B.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 30,000 DURING THE QUARTER ENDING 31ST MARCH 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births. — Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Glasgow . . . . .	1,078,400	28·1	9·0	22·2	3·2	6·1	158
Edinburgh . . . . .	328,700	20·2	9·2	20·6	1·6	7·3	148
Dundee . . . . .	177,300	25·7	7·3	32·3	8·3	7·2	299
Aberdeen . . . . .	164,800	25·2	9·1	23·2	1·9	10·6	195
Paisley . . . . .	87,700	25·9	8·3	18·4	1·8	5·4	114
Leith . . . . .	80,500	28·0	7·1	20·7	1·3	4·1	182
Greenock . . . . .	78,100	33·4	7·0	23·7	2·4	4·7	159
Coatbridge . . . . .	44,100	33·5	4·5	18·9	0·6	2·5	137
Motherwell . . . . .	41,600	32·7	6·3	15·8	2·1	2·7	119
Kirkcaldy . . . . .	40,800	25·8	7·5	20·6	0·7	5·4	162
Hamilton . . . . .	38,600	36·5	6·5	19·2	1·7	6·0	112
Clydebank . . . . .	44,600	31·1	5·9	15·4	2·5	2·3	161
Perth . . . . .	35,500	17·8	8·6	22·0	0·9	12·2	231
Kilmarnock . . . . .	36,900	24·8	9·8	20·8	2·4	6·6	181
Falkirk . . . . .	34,300	22·9	7·0	22·6	0·8	5·7	216
Ayr . . . . .	33,600	23·3	8·7	20·4	1·8	7·8	171

TABLE C.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF BETWEEN 10,000 AND 30,000 DURING THE QUARTER ENDING 31ST MARCH 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births. — Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Airdrie . . . . .	23,900	32·0	7·0	22·4	8·0	2·6	222
Alloa . . . . .	11,400	23·9	6·1	26·7	3·6	10·4	269
Arbroath . . . . .	18,800	21·3	5·4	29·7	2·8	10·1	253
Barrhead . . . . .	11,400	30·6	5·7	18·2	1·4	1·2	116
Borrowstounness . . . . .	10,900	23·8	4·8	13·8	1·1	3·1	125
Buckhaven, Methil, and Innerleven . . . . .	17,000	30·1	7·2	19·9	0·7	0·8	302
Cowdenbeath . . . . .	15,600	36·2	7·0	17·2	2·1	1·4	129
Dumbarton . . . . .	21,600	33·2	6·4	17·3	0·8	5·6	51
Dumfries . . . . .	15,300	24·3	8·5	33·3	3·2	15·2	304
Dunfermline . . . . .	28,900	27·6	9·7	20·6	2·1	5·1	137
Forfar . . . . .	10,000	19·0	10·1	24·6	0·4	14·9	128
Fraserburgh . . . . .	10,600	29·5	6·9	18·8	1·1	11·7	182
Galashiels . . . . .	14,100	16·7	3·4	21·3	0·6	8·6	121
Grangemouth . . . . .	10,200	24·8	2·8	15·2	0·4	8·1	97
Hawick . . . . .	15,800	20·5	7·4	24·6	0·3	10·0	125
Inverness . . . . .	20,700	23·0	11·6	28·4	4·1	6·8	205
Irvine . . . . .	9,900	31·7	4·5	19·3	2·1	6·5	195
Johnstone . . . . .	11,800	35·2	6·2	25·9	1·4	7·8	157
Kirkintilloch . . . . .	11,900	29·1	8·2	19·5	3·4	4·7	212
Montrose . . . . .	9,800	21·5	8·3	28·1	0·8	9·6	135
Musselburgh . . . . .	16,700	28·1	9·9	19·7	1·5	2·6	172
Peterhead . . . . .	13,600	31·6	5·7	27·4	1·2	10·4	245
Port-Glasgow . . . . .	17,200	37·6	9·9	25·1	3·1	4·4	195
Renfrew . . . . .	13,200	25·2	4·3	19·3	2·1	2·4	122
Rutherglen . . . . .	25,300	27·4	6·2	18·4	1·9	5·3	82
Stirling . . . . .	21,200	25·5	11·1	21·4	0·6	9·0	195
Wishaw . . . . .	25,700	38·2	5·2	17·9	2·8	7·0	140



TABLE D.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL COUNTY PUBLIC HEALTH DISTRICTS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 10,000 DURING THE QUARTER ENDING 31ST MARCH 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
ABERDEEN COUNTY.							
Aberdeen . . . . .	22,100	18·7	2·4	18·2	1·5	12·7	147
Deer . . . . .	26,300	27·2	3·1	21·6	1·4	13·0	164
Deeside . . . . .	11,400	19·3	1·8	15·3	1·1	16·7	74
Ellon . . . . .	12,800	29·2	1·9	10·5	0·6	19·6	65
Garioch . . . . .	12,900	27·3	4·7	18·8	1·6	20·7	57
Turriff . . . . .	10,400	22·7	2·3	17·6	0·0	24·1	103
ARGYLL COUNTY.							
Lorn . . . . .	9,500	19·3	1·7	15·4	0·4	4·4	44
AYR COUNTY.							
Ayr . . . . .	41,200	33·4	7·0	16·4	1·1	8·3	136
Carrick . . . . .	12,500	23·4	6·2	14·0	0·3	8·3	97
Kilmarnock . . . . .	22,500	25·9	5·2	17·3	0·5	9·0	125
Northern . . . . .	44,900	25·0	5·5	20·1	1·8	7·9	162
BANFF COUNTY.							
Banff . . . . .	17,600	32·0	2·5	15·2	1·1	13·7	86
Keith . . . . .	11,300	30·6	2·5	16·9	1·1	16·5	106
CAITHNESS COUNTY.							
Caithness . . . . .	17,600	19·6	2·5	20·8	0·2	8·2	82
CLACKMANNAN COUNTY.							
Clackmannan . . . . .	9,500	27·8	4·7	24·8	1·3	7·7	169
DUMBARTON COUNTY.							
Eastern . . . . .	22,700	24·3	3·9	21·1	1·8	9·6	154
Western . . . . .	27,000	29·1	8·8	22·8	2·4	4·6	211
DUMFRIES COUNTY.							
Annan . . . . .	9,800	19·8	3·3	19·0	0·0	16·7	167
Thornhill . . . . .	11,300	24·5	6·1	22·3	1·1	8·8	74
EDINBURGH (MIDLOTHIAN) COUNTY.							
Calder . . . . .	17,800	36·0	6·4	21·6	0·7	8·9	152
Lasswade . . . . .	24,300	28·2	4·0	14·5	1·3	6·5	118
Suburban . . . . .	24,400	21·1	4·0	16·8	0·5	8·7	157
ELGIN COUNTY.							
Elgin . . . . .	20,100	24·5	3·0	23·9	0·8	14·0	207
FIFE COUNTY.							
Cupar . . . . .	14,900	15·8	2·7	22·1	0·5	15·5	121
Dunfermline . . . . .	31,200	33·2	5·8	17·5	1·0	4·7	98
Kirkcaldy . . . . .	43,700	34·5	5·3	21·0	1·3	5·9	183
St Andrews . . . . .	14,800	20·3	6·0	17·9	0·5	8·1	176



TABLE D.—*continued.*

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1914.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
FORFAR COUNTY.							
Brechin . . . . .	11,900	20·8	3·1	19·4	0·7	9·8	115
Forfar . . . . .	10,300	23·7	2·4	19·7	2·0	8·3	67
HADDINGTON COUNTY.							
Western . . . . .	16,700	27·9	4·1	14·3	0·2	6·1	113
INVERNESS COUNTY.							
Skye . . . . .	12,100	18·8	5·0	24·5	1·0	7·1	89
LANARK COUNTY.							
Lower . . . . .	30,000	27·0	4·2	14·2	1·6	5·0	145
Middle . . . . .	201,400	35·8	5·6	20·0	2·8	4·6	167
Upper . . . . .	41,800	30·0	5·6	17·6	1·1	9·1	113
LINLITHGOW COUNTY.							
Bathgate . . . . .	32,600	38·9	4·7	21·0	3·1	6·7	179
Linlithgow . . . . .	15,300	22·2	5·0	16·4	1·9	8·3	238
PERTH COUNTY.							
Central . . . . .	9,600	18·6	2·5	18·6	0·4	6·8	0
Highland . . . . .	12,000	17·2	1·4	14·9	0·7	17·6	39
Perth . . . . .	19,800	20·3	4·3	24·4	2·5	10·1	172
Western . . . . .	9,600	16·1	2·5	13·1	1·3	13·2	79
RENFREW COUNTY.							
Upper . . . . .	36,400	22·2	5·7	15·1	0·4	4·5	80
Lower . . . . .	23,200	22·6	3·0	14·5	0·2	6·2	70
ROSS AND CROMARTY COUNTY.							
Easter-Ross . . . . .	9,500	24·3	4·3	33·3	3·8	12·3	175
Lews . . . . .	24,700	25·1	2·3	15·9	0·7	3·3	52
Mid-Ross . . . . .	10,800	18·0	3·0	26·6	2·6	16·7	167
SHETLAND COUNTY.							
Mainland . . . . .	17,300	15·2	1·9	25·1	0·7	1·5	185
STIRLING COUNTY.							
Central . . . . .	27,600	32·0	4·0	15·9	0·6	7·8	124
Eastern . . . . .	40,400	27·5	6·0	16·0	2·1	4·7	106
Western . . . . .	11,300	18·4	4·0	22·0	1·8	5·9	137
SUTHERLAND COUNTY.							
Sutherland . . . . .	17,800	14·8	2·0	18·4	0·0	6·2	77
WIGTOWN COUNTY.							
Rhins . . . . .	11,200	23·5	6·9	16·6	1·1	21·5	123



TABLE E.—CAUSES OF DEATH IN SCOTLAND AT DIFFERENT PERIODS OF LIFE DURING THE QUARTER ENDING 31ST MARCH 1915.

		All Ages.	Age.											Age not stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
I. GENERAL DISEASES.														
1	Enteric Fever	58	...	2	1	6	18	16	8	1	4	2	...	...
2	Typhus Fever	1	...	...	...	1	...	...	...	...	...	...	1	...
4	Malaria	3	...	...	...	...	...	1	...	1	...	...	...	...
5	(a) Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) Unvaccinated	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) Vaccination Doubtful	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Measles	283	74	157	20	3	16	5	5	...	...	2	1	...
7	Scarlet Fever	237	11	119	65	20	12	4	5	1	...	...	...	...
8	Whooping-cough	1471	603	824	40	3	...	1	...	...	...	...	...	...
9	(a) Diphtheria	237	19	130	53	18	8	2	1	2	2	2	...	...
	(c) Croup, Membr. Laryngitis (b)	17	4	12	1	...	...	...	...	...	...	...	...	...
10	Influenza	299	21	1	2	3	15	13	12	20	27	59	126	...
13	Cholera Nostras	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Dysentery	2	...	...	...	...	...	1	1	...	...	...	...	...
18	Erysipelas	58	8	...	...	...	4	4	3	9	10	14	6	...
19	Oth. Epid. Dis. (3, 11, 12, 15, 16, 17, 25, 26, 27)	6	2	1	1	...	...	...	1	...	...	1	...	...
20	(a) Pyæmia, Septicæmia (not Puerperal) (b)	37	7	2	1	...	3	4	4	6	4	4	2	...
	(c) Vaccinia	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Glanders	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Anthrax	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Rabies, Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tetanus	2	2	...	...	...	...	...	...	...	...	...	...	...
28	Pulmonary Tuberculosis, Phthisis	1417	6	32	30	53	278	367	294	204	111	35	7	...
29	(a) Acute Phthisis	34	...	1	1	3	11	6	6	3	...	3	...	...
	(b) Acute Miliary Tuberculosis	13	1	5	...	3	1	2	...	...	...	1	...	...
30	Tuberculous Meningitis	235	65	101	31	14	15	4	3	1	1	...	...	...
31	Abdominal Tuberculosis	184	32	63	21	20	20	14	8	3	3	...	...	...
32	Tuberculosis of Spine	37	1	1	3	6	9	5	6	5	...	1	...	...
33	Tuberculosis of Joints	17	...	1	...	4	2	2	2	2	2	2	...	...
35	Tuberculosis of other Organs, Disseminated Tuberculosis (34)	139	17	26	12	7	23	18	19	9	5	1	2	...
36	Rickets, Osteomalacia	18	6	9	2	...	...	...	1	...	...	...	...	...
37	Syphilis	56	44	1	...	...	2	4	3	...	1	1	...	...
38	Other Venereal Diseases	2	...	...	...	...	...	...	1	1	...	...	...	...
45	(a) Carcinoma	740	...	...	...	...	1	14	68	131	227	189	110	...
	(b) Sarcoma	55	...	2	1	3	10	3	6	6	11	10	3	...
	(c) Malignant Disease, other or not defined } 39-44	459	...	...	1	...	4	12	33	70	123	129	87	...
46	Other Tumours (Situation undefined)	20	...	...	...	...	...	1	2	3	5	8	1	...
47	Rheumatic Fever	74	...	3	11	12	20	10	7	5	4	2	...	...
48	(a) Chronic Rheumatism	25	...	...	...	...	...	1	...	4	4	8	8	...
	(b) Osteo-arthritis	30	...	...	...	...	...	...	2	2	6	11	9	...
	(c) Gout	...	...	...	...	...	...	...	...	...	...	...	...	...
49	Scurvy	...	...	...	...	...	...	...	...	...	...	...	...	...
50	Diabetes	159	...	1	...	8	9	11	15	21	42	36	16	...
51	Exophthalmic Goitre	17	...	...	...	...	3	...	6	3	3	2	...	...
52	Addison's Disease	7	...	...	...	...	1	1	2	1	2	...	...	...
53	(a) Leucocythæmia	22	...	2	2	...	2	1	5	5	4	1	...	...
	(b) Lymphadenoma	8	...	...	1	1	3	1	1	...	1	...	...	...
54	Anæmia, Chlorosis	148	2	2	...	1	6	11	27	21	40	27	11	...
55	(b) Purpura	18	2	3	4	1	2	1	1	...	...	2	2	...
	(c) Hæmophilia	5	2	1	1	...	...	1	...	...	...	...	...	...
	(d) Other General Diseases (a)	3	...	1	...	...	...	...	...	...	...	2	...	...
56	Alcoholism	79	...	...	...	...	2	8	25	19	14	9	2	...
57	Chronic Lead Poisoning	1	...	...	...	...	...	...	1	...	...	...	...	...
58	Other Chronic Occupational Poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Other Chronic Poisonings	1	...	...	...	...	...	...	...	...	1	...	...	...



TABLE E.—continued.

		All Ages.	Age.											Age not Stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
II. DISEASES OF NERVOUS SYSTEM.														
60	Encephalitis . . . . .	9	2	...	1	...	1	1	...	2	...	1	1	...
61	(a) Cerebro-spinal Meningitis . .	64	10	8	9	7	21	4	2	1	2	...	...	...
	(c) Meningitis, Basal, Nature un- specified (b)	270	86	81	25	14	28	9	9	8	5	5	...	...
62	Locomotor Ataxy . . . . .	21	...	...	...	...	...	2	4	7	6	1	1	...
63	Other Diseases of Spinal Cord . .	127	1	2	1	1	6	12	22	21	27	21	13	...
64	Cerebral Hæmorrhage, Apoplexy .	1410	2	1	...	...	7	8	36	145	299	481	431	...
65	Softening of Brain . . . . .	93	...	...	...	...	...	...	1	2	22	36	32	...
66	(a) Hemiplegia . . . . .	166	...	...	...	1	2	1	6	10	27	60	59	...
	(c) Paralysis, Cause or Nature un- specified (b)	22	1	...	...	...	...	...	1	4	7	5	4	...
67	General Paralysis of Insane . . .	74	...	...	...	...	...	7	23	25	11	7	1	...
68	Other Insanity . . . . .	41	...	...	1	2	...	4	2	5	12	9	6	...
69	Epilepsy . . . . .	87	4	3	3	6	13	18	11	7	10	6	6	...
71	Convulsions (not Puerperal) (70) .	320	227	84	3	3	2	1	...	...	...	...	...	...
72	Chorea . . . . .	5	...	...	...	1	...	1	1	...	1	1	...	...
73	Neuralgia, Neuritis . . . . .	10	...	...	...	...	1	1	1	1	3	3	...	...
74	(c) Cerebral Tumour . . . . .	53	...	1	4	1	6	8	14	7	5	6	1	...
	(d) Other Diseases of Nervous System (a, b)	44	2	4	1	3	1	1	1	6	6	12	7	...
75	Diseases of Eye and Annexa . . .	1	...	1	...	...	...	...	...	...	...	...	...	...
76	(a) Mastoid Diseases . . . . .	18	2	5	3	3	1	1	...	1	1	...	1	...
	(b) Diseases of Ear . . . . .	32	11	7	1	2	3	3	1	2	1	...	1	...
III. DISEASES OF CIRCUL- ATORY SYSTEM.														
77	Pericarditis . . . . .	14	...	...	...	1	...	...	1	4	5	2	1	...
78	Acute Endocarditis . . . . .	65	1	...	1	3	12	13	4	18	11	2	...	...
79	(a) Valvular Disease . . . . .	877	4	2	7	10	41	44	60	122	174	234	179	...
	(b) Fatty Degeneration of Heart . .	92	...	...	...	...	1	1	7	10	25	28	20	...
	(c) Other Organic Diseases of Heart	955	6	3	4	8	16	20	49	88	196	271	294	...
80	Angina Pectoris . . . . .	97	...	...	...	...	...	1	4	14	24	31	23	...
81	(a) Aneurysm . . . . .	42	...	...	...	...	...	2	9	12	6	5	8	...
	(b) Arterio-sclerosis . . . . .	101	...	...	...	...	...	...	...	3	13	33	52	...
	(c) Other Diseases of Arteries . . .	1	...	...	...	...	...	...	...	1	...	...	...	...
82	(a) Cerebral Embolism, Thrombosis	138	...	2	...	...	...	5	5	10	21	38	57	...
	(b) Embolism and Thrombosis, not Cerebral	24	...	...	...	...	...	5	2	3	7	3	4	...
83	Diseases of Veins . . . . .	11	...	...	...	...	...	1	2	1	4	2	1	...
84	(a) Lymphatism, Status Lympha- ticus . . . . .	10	3	2	1	...	...	1	...	1	1	...	1	...
	(b) Other Dis. of Lymphatic System	5	...	2	...	1	...	...	1	...	...	...	1	...
85	Hæmorrhage, Other Diseases of Circulatory System	6	...	...	...	...	...	...	2	3	1	...	...	...
IV. DISEASES OF RESPIR- ATORY SYSTEM.														
86	Diseases of Nose . . . . .	2	1	...	...	...	1	...	...	...	...	...	...	...
87	(b) Laryngitis . . . . .	35	14	14	1	...	1	...	...	1	2	1	1	...
	(c) Other Diseases of Larynx (a) . .	20	10	8	...	...	...	...	1	...	...	...	1	...
88	Diseases of Thyroid . . . . .	14	...	...	...	...	1	1	1	1	4	3	3	...
90	Bronchitis (89) . . . . .	2750	573	161	22	7	16	37	90	174	369	603	698	...
91	Broncho-pneumonia . . . . .	1454	628	520	18	5	10	29	24	30	50	69	71	...
92	Pneumonia . . . . .	1429	200	169	31	14	85	86	124	164	207	190	159	...
93	Pleurisy . . . . .	96	5	5	...	4	10	12	7	11	14	15	13	...
94	(a) Pulmonary Apoplexy . . . . .	10	...	1	...	...	1	...	2	3	...	2	1	...
	(b) Pulmonary Congestion (c, d) . .	226	66	33	...	1	2	3	6	6	30	36	43	...
95	Gangrene of Lung . . . . .	8	...	...	...	...	1	2	1	...	3	1	...	...
96	Asthma . . . . .	26	...	...	...	...	3	1	1	5	7	3	6	...
97	Pulmonary Emphysema . . . . .	13	...	...	1	...	1	...	1	1	4	3	2	...
98	(a) Fibroid Diseases of Lung . . .	15	...	...	...	...	...	1	1	1	6	5	1	...
	(b) Other Diseases of Respiratory System	7	1	...	1	1	...	...	1	...	1	1	1	...



TABLE E.—continued.

	All Ages.	Age.												Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.		
V. DIS. OF DIGESTIVE SYSTEM.														
99 Dis. of Mouth, Teeth. Oral Sepsis	9	2	3	...	...	...	...	...	...	2	2	...	...	
101 Diseases of Pharynx, Œsophagus, Tonsillitis (100)	25	5	8	2	...	2	2	2	2	1	1	...	...	
102 Gastric Ulcer	109	...	...	...	2	11	15	21	27	16	8	9	...	
103 Other Dis. of Stomach. Gastritis	187	67	20	6	1	5	9	3	17	15	23	21	...	
104 Diarrhœa, Enteritis (under 2 years)	279	228	51	...	...	...	...	...	...	...	...	...	...	
105 Diarrhœa, Enteritis (over 2 years)	123	...	12	10	3	6	14	11	10	13	15	29	...	
107 Intestinal Parasites (106)	...	...	...	...	...	...	...	...	...	...	...	...	...	
108 Appendicitis, Typhlitis	89	...	1	12	14	23	14	7	7	7	3	1	...	
109 (a) Hernia	69	2	2	...	...	1	3	2	6	21	24	8	...	
(b) Intestinal Obstruction	92	18	6	4	3	6	3	9	5	14	12	12	...	
110 Other Diseases of Intestine	73	5	5	...	...	5	6	7	9	16	9	11	...	
111 Acute Yellow Atrophy of Liver	3	...	...	...	...	...	1	...	...	1	...	1	...	
112 Hydatids of Liver	...	...	...	...	...	2	...	7	10	22	10	4	...	
113 Cirrhosis of Liver	55	...	...	...	...	...	...	7	10	...	...	...	...	
114 Gallstones	33	...	...	...	...	1	...	...	8	11	8	5	...	
115 Other Diseases of Liver	56	...	5	...	...	1	1	7	7	11	14	10	...	
116 Diseases of Spleen	4	...	...	...	...	...	1	...	2	1	...	...	...	
117 Peritonitis, cause not specified	45	6	6	4	2	8	6	1	4	4	1	3	...	
118 Other Diseases of Digestive System	6	...	...	...	...	...	1	1	1	1	2	...	...	
VI. DISEASES OF GENITO- URINARY SYSTEM.														
119 Acute Nephritis	116	10	15	6	1	10	6	17	17	16	14	4	...	
120 (a) Bright's Disease	485	...	2	4	2	14	31	52	84	122	116	58	...	
(b) Uræmia	29	...	...	...	...	1	2	3	7	6	3	7	...	
122 Other Dis. of Kidney, Chyluria (121)	19	...	...	1	1	1	1	3	3	3	4	2	...	
123 Urinary Calculus	8	...	...	...	...	1	1	...	2	1	2	1	...	
124 Diseases of Bladder	76	...	...	...	...	...	2	...	4	16	23	31	...	
125 Dis. of Urethra, Urinary Abscess	13	...	...	...	...	...	1	2	5	2	2	1	...	
126 Diseases of Prostate	49	...	...	...	...	...	...	...	1	4	18	26	...	
127 Diseases of Male Genital Organs (not Venereal)	3	3	...	...	...	...	...	...	...	...	...	...	...	
128 Menorrhagia, Uterine Hæmorrh- age (not Puerperal)	2	...	...	...	...	1	...	1	...	...	...	...	...	
129 Uterine Tumour (non-Cancerous)	11	...	...	...	...	...	1	2	2	2	3	1	...	
130 Other Diseases of Uterus	8	...	...	...	...	...	2	...	2	1	3	...	...	
131 Cysts, and Other Tumours of Ovary	12	...	...	...	...	...	1	1	3	1	4	2	...	
132 Other Dis. of Female Genit. Organs	9	...	...	...	...	1	2	6	...	...	...	...	...	
133 Non-Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...	
VII. DISEASES OF PREGNANCY AND CHILDBIRTH.														
134 (a) Abortion, Miscarriage	15	...	...	...	...	1	8	6	...	...	...	...	...	
(c) Uncontrollable Vomiting	9	...	...	...	...	...	4	5	...	...	...	...	...	
(d) Ectopic Gestation	2	...	...	...	...	...	2	...	...	...	...	...	...	
(e) Other Diseases and Accidents of Pregnancy (b)	6	...	...	...	...	...	6	...	...	...	...	...	...	
135 Puerperal Hæmorrhage	24	...	...	...	...	3	11	10	...	...	...	...	...	
136 Other Accidents of Childbirth	22	...	...	...	...	4	9	9	...	...	...	...	...	
137 Puerperal Sepsis	53	...	...	...	...	12	21	19	1	...	...	...	...	
138 Puerp. Albuminuria, Convulsions	23	...	...	...	...	7	11	5	...	...	...	...	...	
139 Puerperal Phlegmasia Alba Dolens, Phlebitis, Embolism	10	...	...	...	...	...	7	3	...	...	...	...	...	
140 (a) Puerperal Insanity	2	...	...	...	...	...	1	1	...	...	...	...	...	
(b) Other Puerperal Diseases	35	...	...	...	...	4	15	16	...	...	...	...	...	
141 Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...	
VIII. DISEASES OF SKIN AND CELLULAR TISSUE.														
142 (a) Senile Gangrene	84	...	...	...	...	...	...	...	...	...	34	50	...	
(b) Noma, Cancrum Oris	4	...	3	...	...	...	...	1	...	...	...	...	...	
(d) Other Gangrene (c)	23	1	...	...	...	...	...	4	5	8	4	1	...	
143 Carbuncle, Boil	9	1	1	...	...	1	...	1	...	1	3	1	...	
144 Phlegmon, Acute Abscess	47	10	6	1	2	1	6	5	1	2	6	7	...	
145 Ulcer, Other Diseases of Skin and Cellular Tissue	38	13	1	...	...	...	...	...	3	5	6	10	...	



TABLE E.—continued.

	All Ages.	Age.												Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.		
IX. DISEASES OF ORGANS OF LOCOMOTION.														
146 Dis. of Bones (Mastoid excluded)	21	...	5	3	2	2	2	2	1	1	2	1	...	
147 Diseases of Joints	7	1	...	...	...	...	...	...	2	1	1	2	...	
149 Other Dis. of Locomotor Syst. (148)	3	...	...	...	...	1	...	...	...	...	...	2	...	
X. MALFORMATIONS.														
150 Congenital Malformations	164	151	4	2	3	2	1	1	...	...	...	...	...	
XI. DISEASES OF EARLY INFANCY.														
151 (a) Premature Birth	696	696	...	...	...	...	...	...	...	...	...	...	...	
(b) Congenital Debility, Icterus, Sclerema (c, d, e)	602	602	...	...	...	...	...	...	...	...	...	...	...	
152 Other Diseases peculiar to Early Infancy	109	109	...	...	...	...	...	...	...	...	...	...	...	
153 Lack of Care	1	1	...	...	...	...	...	...	...	...	...	...	...	
XII. OLD AGE.														
154 (a) Senile Dementia	14	...	...	...	...	...	...	...	...	...	6	8	...	
(b) Senile Decay	1192	...	...	...	...	...	...	...	...	...	193	999	...	
XIII. VIOLENT CAUSES.														
163 Suicide (155-162)	45	...	...	...	...	4	5	9	13	10	4	...	...	
164 Poisoning by Food	9	...	3	1	2	1	...	...	1	1	...	...	...	
165 Other Accidental Poisonings	7	...	...	1	...	...	1	5	...	...	...	...	...	
167 Burns and Scalds (166)	144	7	52	13	4	8	5	9	11	10	14	11	...	
168 Exposure to Poisonous Vapours	5	...	...	...	...	...	...	1	1	1	2	...	...	
169 Drowning	161	2	5	5	1	18	27	41	24	15	14	2	7	
170 Accidents with Fire Arms	12	...	...	...	1	6	1	2	1	1	...	...	...	
171 Accidents with Instruments and Weapons	...	...	...	...	...	...	...	...	...	...	...	...	...	
172 Accidental Falls	76	...	2	...	2	4	6	12	15	18	11	6	...	
173 (a) Accidents in Coal Mines	21	...	...	...	...	5	6	6	4	...	...	...	...	
(b) Accidents in Other Mines	4	...	...	...	...	1	2	...	1	...	...	...	...	
(c) Accidents in Quarries	...	...	...	...	...	...	...	...	...	...	...	...	...	
174 Accidents with Machinery	2	...	...	...	...	2	...	...	...	...	...	...	...	
175 (a) Accidents on Railways	36	...	1	...	1	7	9	6	7	3	2	...	...	
(b) Acc. with Horses and Vehicles	6	...	3	...	...	...	...	...	2	...	1	...	...	
(c) Accidents with Motor Vehicles	21	...	2	4	3	3	2	1	2	2	...	2	...	
(d) Accidents with Tramways	6	...	1	...	...	...	...	1	2	2	...	...	...	
(e) Other crushing Accidents	7	...	1	...	...	1	2	...	...	2	1	...	...	
177 Hunger	1	1	...	...	...	...	...	...	...	...	...	...	...	
180 Weather Agencies (178, 179)	22	...	...	...	...	...	2	3	9	5	1	2	...	
186 (a) Overlaying	26	26	...	...	...	...	...	...	...	...	...	...	...	
(b) Suffocation (otherwise)	35	18	1	...	...	1	2	2	3	2	3	3	...	
(c) Other Accidents (176, 181, 185)	205	...	10	5	3	20	16	34	23	23	33	38	...	
184 Homicide (182, 183)	5	3	1	...	...	1	...	...	...	...	...	...	...	
190 Execution	...	...	...	...	...	...	...	...	...	...	...	...	...	
191 War Casualties (not Sickness)	18	...	...	...	...	3	8	4	1	1	...	...	1	
XIV. ILL-DEFINED CAUSES.														
187 Dropsy	4	...	...	...	...	1	...	...	...	1	1	1	...	
188 (a) Syncope	77	6	1	...	...	1	2	5	9	17	26	10	...	
(b) Sudden Death (not otherwise defined)	10	2	...	...	...	...	...	...	3	1	1	3	...	
189 (a) Heart Failure	330	6	2	...	...	4	11	19	39	72	86	91	...	
(c) Teething	5	2	3	...	...	...	...	...	...	...	...	...	...	
(e) Other Ill-defined Diseases (b, d)	44	...	23	1	1	...	2	1	2	12	1	1	...	
(f) Dis. not Specified, Nat. Causes	181	49	9	3	1	6	4	8	13	21	25	41	1	
	24,981	4842	2898	532	344	1029	1239	1547	1944	2855	3604	4138	9	















[illegible]







County Districts.															
Eastern . . . . .	136	13	22	145	43	16	118	21	26	...	...	...	...	...	...
Western . . . . .	194	9	59	136	2	18	152	41	48	...	...	...	...	...	...
Dumfries County . . . . .	383	50	93	459	44	21	436	66	163	...	...	...	...	...	...
Burghal Districts.															
Annan . . . . .	23	2	3	21	...	3	24	2	13	...	...	...	...	...	...
Dumfries . . . . .	92	14	32	135	10	1	126	28	36	...	...	...	...	...	...
Langholm . . . . .	6	...	1	18	...	1	19	2	11	...	...	...	...	...	...
Lochmaben . . . . .	6	2	1	13	2	...	11	2	4	...	...	...	...	...	...
Lockerbie . . . . .	19	3	2	16	...	1	17	3	8	...	...	...	...	...	...
Moffat . . . . .	7	1	5	13	...	1	14	...	6	...	...	...	...	...	...
Sanquhar . . . . .	11	...	4	6	...	1	7	1	3	...	...	...	...	...	...
County Districts.															
Annan . . . . .	48	8	8	50	6	2	46	8	19	...	...	...	...	...	...
Dumfries . . . . .	36	5	11	66	22	2	46	8	16	...	...	...	...	...	...
Langholm . . . . .	22	1	3	13	...	1	14	3	2	...	...	...	...	...	...
Lockerbie . . . . .	45	8	6	51	4	3	50	4	22	...	...	...	...	...	...
Thornhill . . . . .	68	6	17	57	...	5	62	5	23	...	...	...	...	...	...
Edinburgh (Midlothian) County . . . . .	2931	187	1043	2620	316	245	2549	452	840	2	...	...	...	...	...
Burghal Districts.															
Bonnyrigg . . . . .	17	...	2	13	1	3	15	2	6	...	...	...	...	...	...
Dalkeith . . . . .	65	3	17	34	6	3	31	9	5	...	...	...	...	...	...
Edinburgh . . . . .	1639	119	744	1716	185	138	1669	243	588	2	...	...	...	...	...
Lasswade . . . . .	6	...	...	3	...	...	3	...	...	...	...	...	...	...	...
Leith . . . . .	556	23	140	378	11	43	410	101	102	...	...	...	...	...	...
Loanhead . . . . .	32	2	9	16	...	2	18	6	8	...	...	...	...	...	...
Musselburgh . . . . .	116	3	41	74	...	7	81	20	24	...	...	...	...	...	...
Penicuik . . . . .	14	...	2	15	1	2	16	6	2	...	...	...	...	...	...
County Districts.															
Calder . . . . .	158	14	28	81	2	16	95	24	30	...	...	...	...	...	...
Gala-Water . . . . .	32	1	12	24	2	1	23	1	13	...	...	...	...	...	...
Lasswade . . . . .	169	11	24	96	19	10	87	20	29	...	...	...	...	...	...
Suburban . . . . .	127	11	24	170	89	20	101	20	33	...	...	...	...	...	...



TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from													
					Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.		All Respiratory Diseases (except Phthisis).	Violence.		
															Pulmonary.	Other.				
	Registered.	Transferred out.	Transferred in.	Net Number.	106	58	1	...	...	...	...	6	1	1	1	10	8	45	10	
	Elgin County	261	38	60	254	13	18	259	58	106	1	...	...	...	...	...	...	...	...	...
	Burghal Districts.																			
	Burghead	10	2	5	9	...	1	10	5	1	...	...	...	...	...	...	...	5	1	...
	Elgin	47	7	24	60	8	5	57	8	23	...	...	...	...	...	...	...	14	...	...
	Forres	35	6	8	28	...	3	31	10	7	...	...	...	...	...	...	...	2	...	...
	Grantown-on-Spey	4	...	4	10	...	1	11	2	6	...	...	...	...	...	...	...	3	...	...
	Lossiemouth	29	2	2	25	...	...	25	6	10	...	...	...	...	...	...	...	4	...	...
	Rothies	15	4	2	5	...	2	7	2	3	...	...	...	...	...	...	...	2	...	...
	County District.																			
	Elgin	121	17	15	117	5	6	118	25	56	1	...	2	...	1	3	6	15	6	...
Fife County	1895	96	447	1346	110	129	1365	321	430	1	7	39	17	14	64	27	367	47	...	
Burghal Districts.																				
Anstruther-Easter	5	...	...	5	...	1	6	1	2	...	...	...	...	...	2	...	...	...	...	
Anstruther-Wester.	1	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	2	...	...	
Auchtermuchty	7	1	1	5	...	2	7	1	3	...	1	...	...	...	...	...	...	...	...	
Buckhaven, Methil, and Innerleven.	126	1	30	77	1	7	83	38	10	...	...	...	...	2	2	3	29	4	...	
Burntisland	19	...	5	24	...	1	25	4	10	...	...	...	...	...	1	...	6	1	...	
Cowdenbeath	139	2	27	51	1	16	66	18	9	...	...	4	3	1	3	3	15	2	...	
Crail	9	...	4	2	...	1	3	...	...	...	...	...	...	...	...	...	1	...	...	
Culross	8	2	...	5	...	...	5	2	3	...	...	1	...	...	...	...	1	1	...	
Cupar	24	2	16	34	1	3	36	4	14	...	...	1	...	1	3	...	14	...	1	



Dunfermline . . . . .	197	10	69	188	46	5	147	27	41	...	...	...	...	12	2	1	4	3	34	4
Dysart . . . . .	39	1	8	20	...	...	20	7	6	...	...	...	...	...	...	...	1	1	6	1
Earlsferry . . . . .	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Elie, Liberty, and Williamsburgh.	2	...	1	5	2	...	3	1	2	...	...	...	...	...	...	...	...	...	1	...
Falkland . . . . .	2	...	1	3	...	1	4	...	2	...	...	...	...	...	...	...	...	...	1	...
Inverkeithing . . . . .	19	1	10	17	1	1	17	4	4	...	...	...	...	...	...	...	1	1	6	...
Kilrenny . . . . .	16	...	3	11	...	1	12	2	8	...	...	...	...	...	...	...	1	...	2	1
Kinghorn . . . . .	8	...	7	9	...	1	10	5	4	...	...	...	...	...	...	1	...	...	5	1
Kirkcaldy . . . . .	260	14	76	196	4	15	207	42	75	...	...	...	...	1	2	2	11	...	60	3
Ladybank and Monkston	4	...	...	5	...	1	6	...	3	...	...	...	...	...	...	...	...	...	1	...
Leslie . . . . .	15	1	4	12	...	1	13	7	2	...	...	...	...	...	...	...	...	...	4	...
Leven . . . . .	38	1	12	20	...	3	23	2	9	...	...	...	...	...	...	...	2	...	7	...
Lochgelly . . . . .	112	3	19	48	...	8	56	25	8	...	...	...	...	1	2	1	3	...	17	3
Markinch . . . . .	6	...	2	6	...	1	7	2	5	...	...	...	...	...	...	...	...	...	3	...
Newburgh . . . . .	14	...	4	12	...	2	14	3	6	...	...	...	...	...	...	...	...	...	3	...
Newport . . . . .	8	1	4	16	...	3	19	1	12	...	...	...	...	...	...	...	2	...	3	...
Pittenweem . . . . .	18	4	1	5	...	2	7	2	1	...	...	...	...	1	...	...	...	...	3	...
St Andrews . . . . .	24	2	4	39	4	2	37	6	16	...	...	...	...	2	1	...	2	1	9	1
Tayport . . . . .	15	1	4	22	...	1	23	3	8	...	...	...	...	4	...	...	2	...	6	1
<i>County Districts.</i>																				
Cupar . . . . .	58	9	10	94	17	4	81	7	42	...	1	...	...	1	...	...	7	2	21	3
Dunfermline . . . . .	256	12	45	121	6	20	135	25	39	...	...	...	...	4	2	2	6	1	31	10
Kirkcaldy . . . . .	372	22	57	231	24	19	226	68	50	...	...	...	1	5	5	2	8	7	63	8
St Andrews . . . . .	74	6	22	61	3	7	65	13	36	...	...	...	...	2	...	...	3	...	13	3
<b>Forfar County</b>	<b>1623</b>	<b>137</b>	<b>444</b>	<b>2018</b>	<b>126</b>	<b>85</b>	<b>1977</b>	<b>407</b>	<b>611</b>	<b>1</b>	<b>1</b>	<b>...</b>	<b>97</b>	<b>2</b>	<b>15</b>	<b>18</b>	<b>108</b>	<b>37</b>	<b>489</b>	<b>44</b>
<i>Burghal Districts.</i>																				
Arbroath . . . . .	99	10	25	140	8	6	138	25	55	...	...	...	...	11	1	1	8	6	37	2
Brechin . . . . .	37	4	14	38	1	5	42	3	23	...	...	...	...	...	...	...	1	...	10	1
Carnoustie . . . . .	23	3	5	23	...	1	24	4	10	...	...	...	...	3	...	...	4	...	2	...
Dundee . . . . .	1122	81	318	1422	34	24	1412	336	335	...	...	...	...	250	8	...	81	...	368	27
Forfar . . . . .	47	7	25	57	3	7	61	6	29	...	...	...	...	1	...	...	4	...	15	3







[illegible]







Lanark County		11,434	647	3047	8121	385	399	8135	1767	1787	30	...	...	85	95	746	81	103	502	223	2152	266
<i>Burghal Districts.</i>																						
Airdrie . . .		189	5	41	128	...	4	132	42	23	...	...	...	...	3	39	1	4	3	3	23	2
Biggar . . .		3	1	1	6	...	1	7	1	4	...	...	...	...	...	...	...	...	...	1	1	...
Coatbridge . . .		364	9	49	195	1	12	206	50	37	1	...	...	...	1	1	...	4	16	10	54	6
Glasgow . . .		7459	454	2383	5956	260	212	5908	1176	1267	20	...	...	82	78	563	51	59	410	156	1568	195
Hamilton . . .		348	21	62	166	9	26	183	39	41	...	...	...	...	4	6	3	3	5	8	53	9
Lanark . . .		36	2	9	29	1	3	31	10	13	...	...	...	...	...	2	...	1	1	2	5	2
Motherwell . . .		335	9	65	155	1	8	162	40	34	...	...	...	...	...	18	3	1	4	4	47	6
Rutherglen . . .		171	9	39	86	...	29	115	14	31	...	...	...	2	2	3	2	3	7	4	30	3
Wishaw . . .		242	17	33	107	...	6	113	34	21	...	...	...	1	...	12	2	3	4	1	29	2
<i>County Districts.</i>																						
Lower . . .		200	10	31	147	54	12	105	29	32	2	...	...	...	...	7	1	2	3	2	21	1
Middle . . .		1778	82	276	978	56	70	992	297	209	6	...	...	...	6	93	12	22	42	27	276	35
Upper . . .		309	28	58	168	3	16	181	35	75	1	...	...	...	1	2	6	1	7	5	45	5
Linlithgow County		635	39	109	380	63	46	363	113	72	...	...	...	1	1	28	6	8	19	19	105	18
<i>Burghal Districts.</i>																						
Armadale . . .		40	3	7	7	...	5	12	4	1	...	...	...	...	...	...	...	1	...	1	3	2
Bathgate . . .		75	4	14	33	...	2	35	15	6	...	...	...	...	...	2	...	1	2	2	14	...
Borrowstouness . . .		64	2	13	33	...	4	37	8	13	...	...	...	...	...	...	1	2	...	1	14	1
Linlithgow . . .		22	1	11	27	...	2	29	5	9	...	...	...	...	...	5	...	...	3	...	5	1
Queensferry . . .		20	...	6	7	1	4	10	3	2	...	...	...	...	...	...	...	...	1	1	2	1
Whitburn . . .		17	1	1	7	...	2	9	2	3	...	...	...	...	...	...	...	...	...	...	5	...
<i>County Districts.</i>																						
Bathgate . . .		313	21	38	150	2	21	169	56	25	...	...	...	1	...	17	3	4	10	10	45	10
Linlithgow . . .		84	7	19	116	60	6	62	20	13	...	...	...	...	1	4	2	...	3	4	17	3
Nairn County		54	7	4	44	2	4	46	10	18	...	...	...	...	1	2	...	1	2	1	14	...
<i>Burghal District.</i>																						
Nairn . . .		21	2	4	30	1	2	31	9	10	...	...	...	...	...	2	...	1	1	1	9	...
<i>County District.</i>																						
Nairn . . .		33	5	...	14	1	2	15	1	8	...	...	...	...	1	...	...	...	1	...	5	...





Perth County	532	58	144	604	45	53	612	74	277	1	...	...	...	1	...	25	4	5	31	12	147	15
<i>Burghal Districts.</i>																						
Aberfeldy	6	...	...	9	...	...	9	...	7	...	...	...	...	...	...	...	...	...	1	...	1	1
Abernethy	3	1	1	3	...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	1	...
Alyth	5	...	2	7	...	1	8	1	4	...	...	...	...	...	...	...	...	...	...	...	2	...
Auchterarder	10	...	...	15	1	1	15	2	8	...	...	...	...	...	...	...	...	...	...	...	3	...
Blaigowrie	13	1	8	20	2	2	20	...	7	...	...	...	...	...	...	2	...	...	1	...	7	...
Callander	4	1	2	7	...	2	9	...	6	...	...	...	...	...	...	...	...	...	...	...	3	...
Coupar-Angus	11	...	3	16	...	1	17	2	11	...	...	...	...	...	...	3	...	...	...	...	3	...
Crieff	25	1	7	30	3	3	30	5	11	...	...	...	...	...	...	4	...	...	...	2	8	...
Doune	3	...	2	3	...	...	3	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...
Dunblane	13	...	2	6	...	1	7	...	5	...	...	...	...	...	...	...	...	...	...	...	1	...
Perth	156	19	75	215	27	4	192	36	68	...	...	...	...	1	...	6	...	1	10	8	63	6
Rattray	12	4	...	11	...	1	12	1	3	...	...	...	...	...	...	...	...	...	4	...	2	...
<i>County Districts.</i>																						
Blaigowrie	39	4	5	45	...	4	49	5	23	...	...	...	...	...	...	...	...	1	4	1	9	3
Central	44	3	6	38	1	7	44	...	26	1	...	...	...	...	...	...	...	...	3	...	9	...
Highland	51	9	4	45	8	7	44	2	26	...	...	...	...	...	...	1	...	1	2	...	4	2
Perth	99	10	21	104	2	17	119	17	51	...	...	...	...	...	...	9	2	1	5	1	30	3
Western	38	5	6	30	1	2	31	3	17	...	...	...	...	...	...	...	2	1	...	...	1	...
Renfrew County	2019	95	477	1433	136	105	1402	267	400	4	...	...	...	8	19	54	13	23	77	46	320	60
<i>Burghal Districts.</i>																						
Barrhead	86	1	16	46	...	5	51	10	16	1	...	...	...	1	...	1	...	1	3	3	3	2
Gourock	59	...	5	32	2	4	34	9	12	...	...	...	...	...	...	1	...	...	3	...	9	1
Greenock	643	30	134	461	17	12	456	102	108	1	...	...	...	2	4	31	4	5	19	16	104	26
Johnstone	102	8	18	64	...	11	75	16	17	...	...	...	...	...	...	2	1	1	5	2	16	3
Paisley	560	30	180	398	14	14	398	64	118	2	...	...	...	...	13	11	4	6	27	13	99	13
Port-Glasgow	159	7	42	99	6	13	106	31	20	...	...	...	...	...	...	5	1	7	5	2	25	7
*Renfrew.	82	2	14	46	1	18	63	10	16	...	...	...	...	...	2	1	3	1	3	2	17	1
<i>County Districts.</i>																						
Upper	199	9	51	192	77	21	136	16	53	...	...	...	...	1	...	1	...	2	7	7	29	3
Lower	129	8	17	95	19	7	83	9	40	...	...	...	...	...	...	1	...	...	5	1	18	4

\* Including the portion within the County of Lanark.





[illegible]











# REPORT ON THE WEATHER OVER SCOTLAND DURING THE QUARTER ENDING 31st MARCH 1915.

By A. WATT, M.A., F.R.S.E., under the direction of the Council of the Scottish Meteorological Society.

THE Report is based on observations made, morning and evening, at Stations of the Scottish Meteorological Society, and at some additional Stations whose returns are included by the courtesy of the Meteorological Office. The total number of contributing stations is 83.

TABLE I.—MEANS FOR ALL SCOTLAND.

1915	BARO- METER at 32° F. and Sea level.	SELF-REGISTERING THERMOMETERS.					RAIN.	
		Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount
	ins.	°	°	°	°	°		ins.
Jan.	29·475	41·5	32·7	37·1	54	13	18	3·59
Feb.	29·434	42·4	32·8	37·6	56	11	21	5·22
Mar.	29·941	46·3	33·6	40·0	65	11	16	2·40

TABLE II.—MEANS FOR THE EIGHT PRINCIPAL TOWNS.

1915	SELF-REGISTERING THERMOMETERS.					RAIN.		WIND—NO. OF OBSERVATIONS.								
	Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Var.
	°	°	°	°	°		ins.									
Jan.	41·5	33·6	37·6	52	23	16	2·57	3	2	2	7	4	14	15	11	4
Feb.	42·8	33·7	38·3	53	23	21	4·67	2	3	6	9	6	15	8	4	3
Mar.	46·8	34·7	40·8	61	19	14	1·77	6	7	4	4	2	8	16	11	4

## SUMMARY OF OBSERVATIONS.

In Table I., the means for the various elements are the arithmetical means of the values at all the contributing stations. That for rainfall does not represent the whole country in a quite satisfactory manner, as stations are more numerous in dry districts than in wet districts; the figures, however, are fairly comparable with the corresponding figures given for former years.

Table II., refers to eight of the principal towns only, and is extracted from the Monthly Reports already published by the Registrar-General for Scotland.

And when the figures in Table I., and those of wind-direction in Table II. are compared with the averages for 1856–1905, during the same months, they show the following characteristics and differences:—

**January 1915.**—Mean Barometric Pressure, 29·475 in.; less than the average by 0·328 in.

Mean Temperature, 37·1; less by 0°·2.

Mean Daily Range of Temperature,  $8^{\circ}8$ ; less by  $0^{\circ}4$ .

Rain, Number of Days, 18; greater by 1 day.

Rain, Depth in Inches, 3.59; less by 0.25 in.

Wind, Direction of: a 2 days' excess of winds from S.E., and a two days' excess from N.W.

**February 1915.**—Mean Barometric Pressure, 29.434 in.; less than the average by 0.412 in.

Mean Temperature,  $37^{\circ}6$ ; less by  $0^{\circ}6$ .

Mean Daily Range of Temperature,  $9^{\circ}6$ ; less by  $0^{\circ}6$ .

Rain, Number of Days, 21; greater by 6 days.

Rain, Depth in Inches, 5.22; greater by 2.15 in.

Wind, Direction of: a 4 days' excess of winds from S. and S.W.

**March 1915.**—Mean Barometric Pressure, 29.941 in.; greater than the average by 0.132 in.

Mean Temperature,  $40^{\circ}0$ ; greater by  $0^{\circ}4$ .

Mean Daily Range of Temperature,  $12^{\circ}7$ ; greater by  $0^{\circ}6$

Rain, Number of Days, 16; being the normal.

Rain, Depth in Inches, 2.40; less by 0.51 in.

Wind, Direction: a 3 days' excess of winds from between N.W. and N.E.

**January 1915.**—The month was characterised by an abnormally low mean pressure; a mean temperature almost equal to the normal, with a slightly low mean daily range; a slightly low mean rainfall, and an excess of winds from both S.E. and N.W.

The mean pressure of 29.475 in., as much as 0.328 in. below the normal, followed a very low pressure during the preceding month, and so low a January mean has not been experienced in Scotland since 1873. Conditions were more or less unsettled until 22nd, especially on 1st and 2nd when a depression of considerable depth (less than 28 in. in Ireland) travelled from south to north; on 15th and 16th, when a well developed low-pressure area covered the North Sea; and on 20th and 21st, when the rapid passage of a depression from the north of Scotland to the south of England was associated with a fall in the mercury of more than 1 in. within twenty-four hours. From 23rd until 30th settled conditions prevailed, but on 31st a depression travelled eastwards across the north of Scotland. At Leith, at sea-level, pressure reached 30 in. only from 17th to 19th, and was below 29 in. on 1st, 2nd, 3rd, 11th and 21st, the extremes there being 30.43 in. on 18th, and 28.50 in. on 2nd.

The mean temperature was  $37^{\circ}1$  or  $0^{\circ}2$  below the normal, the trifling difference being due entirely to a deficiency in the mean day temperature. At various points in the east there was a slight excess. Cold weather occurred around 10th and 17th, with lowest readings for the month in some districts on 10th, when the thermometer in screen at Braemar fell to  $13^{\circ}$ ; but apart from these interruptions temperature remained at a fairly high level for the first three weeks or so. On 13th and 19th the nights were in most districts exceptionally mild, and the highest day reading of the month was registered nearly everywhere on 13th, the actual highest being  $54^{\circ}$  at Drumlanrig.

The mean rainfall was 3.59 in. or 7 per cent. below the normal. There was fully the average amount in the extreme south-west; a moderate excess at Poltalloch and in some north-western and northern districts, and a well-defined excess in Aberdeenshire and the Spey valley. To the south of the Grampians, generally, there was a more or less well-marked shortage, as much as 50 per cent. at Buchlyvie and Wolfelee. The first half of the month was more or less unsettled and wet, though most districts had some dry days during that period. On 1st Braemar and Colmonell had fully 1 in.; on 3rd Leadhills 1.65 in.; and on 6th Fort William



and other stations towards the north-west more than 1 in. Falls of fully 2 in. occurred at Lochbuie (Mull) on 10th, and at Stronvar on 12th and 14th. On 12th Glencarron had 2·28 in., and very heavy falls occurred in north-west from 12th to 15th, with a four days' aggregate at Kinlochquoich of fully 7 in. From 16th onwards some eastern districts remained practically rainless, whilst elsewhere almost the only interruptions to a continual dry spell occurred from 19th to 21st, when somewhat heavy falls were experienced in north-west, and at the very end of the month.

On 1st and 2nd a gale from south-east and south was somewhat widely experienced around our coasts, and on 16th and 17th northerly to north-easterly strong winds or gales. Stormy weather was general in the west on 21st. Considerable snowfalls occurred in various districts from 8th to 10th, on 17th, and on 31st. Hail was rather frequent.

Thunderstorms at or near Dumfries on 1st and 2nd; at Balmoral on 5th; at Oban on 6th; and at Paisley at 2 a.m. on 15th.

Sunshine amounts were very deficient in the north-east, but in most districts did not differ greatly from the normal.

But little coast fog was reported.

An aurora was observed at Baltasound on 12th and 16th; at Deerness, Gordon Castle, and Braemar on 13th; and at Paisley on 31st.

**February 1915.**—The month was characterised by an abnormally low mean pressure; a slightly low mean temperature, with a slightly low mean daily range; an abnormally high mean rainfall; and an excess of southerly and south-westerly winds.

The mean pressure of 29·434 in. was as much as 0·412 in. below the normal, and during the last sixty years lower mean values for the month of February have been recorded in Scotland only in 1914 (29·401 in.), and in 1910 (29·364 in.). It is noteworthy that in December and January also pressure had been abnormally low, with the result that the average atmospheric pressure for the December–February period over Scotland was lower than during any winter for at least a hundred years. Except for a day or two about 25th the weather was of a cyclonic type, and early in the month conditions were extremely unsettled. On morning of 16th a deep depression advanced towards the north of Ireland, and followed a very irregular course round the north of Scotland and over the North Sea. Southerly gales developed in front of this disturbance, and on evening of 17th two Zeppelins were lost near Blaavand's Huk during snow squalls. On 26th another considerable depression developed off the north of Scotland. At Leith, at sea-level, pressure reached 30 in. only on 16th, and from 24th to 26th, the extremes there being 30·32 in. on the evening of 25th, and 28·79 in. on the morning of 19th.

The mean temperature was 37°·6 or 0°·6 below the normal, the days being 0°·9 and the nights 0°·3 below their respective averages. At various stations the means for the month were fully equal to the normal. Rather low readings occurred here and there early on 1st, but the first few days of the month were in general very mild, with highest readings from 2nd to 4th, the actual highest being 56° at Inverness on 3rd. Thereafter there were various incursions of wintry weather, especially from about 12th to 17th, on 23rd and 24th, and on 28th. Lowest readings occurred in most districts on night of 23rd–24th—the actual lowest being 11° at Kingussie, but at Balmoral and Braemar on night of 15th–16th. On 23rd temperature at Braemar did not rise above 31°, and at Aberdeen and Edinburgh on neither 23rd nor 24th did it rise above 35°. At Glasgow the mean temperature of the fourth week was fully 8° below that of the first week, and at various stations there was almost as great a contrast.

The mean rainfall was 5·22 in., or 70 per cent. above the normal. Towards the north-west amounts were at places below the normal, as was also the case at Inverness and Nairn, and in the extreme north and in Midlothian there was only a moderate excess. In the southern counties, however, and in various inland and



eastern districts to the north of the Forth, there was an abnormally large excess. Thus Braemar and Cargen had nearly three times the normal; and Dundee, Perth, Colmonell, Dumfries, and other stations at least twice the normal. In various districts the month was the wettest February since 1894, though in the Clyde area February 1911 was a wetter month, and at Braemar it was the wettest February on record. At the beginning of the month some very heavy falls occurred in west and south; on 1st, 2·71 in. at Ardnadam, and 2·43 in. at Stronvar; and on 3rd more than 2 in. at Kinlochquoich and Leadhills. From 5th to 7th there were again considerable falls in many districts, especially towards the north-east, Braemar having fully 1 in. on 5th, and Crathes nearly 2 in. on 7th. From 11th to 15th there was almost rainless weather in west and south, with moderate amounts elsewhere from 11th–13th. On 16th heavy falls were general, fully 2 in. at Leadhills, with moderate amounts on 17th, but as much as 1·41 in. at Crathes. From 19th to 25th there was but slight precipitation in most districts except for snow on 23rd, but on 26th there were again very heavy falls, except in some eastern and northern districts—fully 2 in. at Cargen, with moderate falls on 27th and 28th.

Gales of considerable violence were experienced early in the month, from the south-west very widely from 2nd to 4th; and from the south-east on our eastern and northern coasts on 6th and 7th. The weather was again very stormy on 17th and on 26th. Snow fell heavily in various districts from 7th to 12th, on 17th and on 23rd. and at the end of the month a snowstorm of considerable intensity was general. In hilly districts there was much interruption of traffic. Flooding occurred in the Tay area and elsewhere during the first week or so, and at the end of the month.

Hail was rather frequent, and on the afternoon of 17th a thunderstorm occurred at various places.

Sunshine amounts were as a rule slightly below the normal.

But little coast fog was reported.

Aurora was observed at Fort Augustus on 8th, and at Aberdeen and Gordon Castle on 22nd.

**March 1915.**—The month was characterised by a high mean pressure; a slightly high mean temperature, with a slightly high mean daily range; a somewhat low mean rainfall; and an excess of winds from a northerly quarter.

The mean pressure of 29·941 in., or 0·132 in. above the normal, was fully half an inch above the mean for February. A rather deep depression crossed our area from the Atlantic at the beginning of the month, and for the first few days conditions were very unsettled. From about 8th to 15th a high-pressure system was more or less in control, but on 17th another considerable depression appeared over Great Britain. This was again followed by more stable conditions, except on 22nd and 23rd, and at the very end of the month. At Leith at sea-level readings above 30 in. were recorded from 7th to 10th, from 12th to 16th, and on 22nd, 25th and 26th, the extremes there being 30·45 in. on morning of 9th, and 29·41 in. on morning of 1st.

The mean temperature was 40°·0 or 0°·4 above the normal. In the extreme north there was a slight deficiency. Cold weather for the first two or three days was followed by mild conditions until 16th, with high night readings on 5th and 6th, and day maxima for the month very generally from 12th to 14th. On 14th Stonehaven, Kirkcaldy and Kelso (Broomlands) reached 65°. On 16th there was an abrupt change to a cold north-easterly type of weather which was hardly interrupted to the end of the month. Lowest readings occurred very generally from 18th to 20th, though in some districts from 27th to 29th, or on 31st. The lowest reading was 11° at Balmoral on night of 19th, and in many districts a greater degree of cold was experienced at that time than had occurred since just before Christmas 1914.

The mean rainfall was 2·40 in., or 17 per cent. below the normal. In some northern and western districts there was an excess, but as a rule there was a



shortage, though this was but slight in north-east and south-east. At Glasgow the aggregate for the month was less than half the normal. From 2nd to 5th very heavy falls occurred towards the north-west with moderate to heavy falls elsewhere. On 4th Ballachulish had fully 3 in., Kinlochquoich 2·89 in., and Lochbuie (Mull) and Glencarron more than 2 in. Falls at Kinlochquoich of 1·50 in. on 3rd, and 1·85 in. on 5th, brought the three days' aggregate at that place above 6 in. From 6th to 15th dry conditions were interrupted, as a rule, only about 10th. From 17th to 24th falls of snow and rain alternated with dry days, whilst during the last week of the month some districts experienced but trifling precipitation until night of 31st, though in others snow fell at times.

A considerable snowstorm was in progress at the end of February, and this had spent itself on 1st or 2nd March; two or three days later, with heavy rain and melting snow, rather serious flooding was experienced in Perthshire and Strathspey. On 17th snow commenced to fall heavily in the north, and on 18th a snowstorm of unusual severity for the time of year was general, with a gale from north-east in many districts. Drifting caused considerable interruption of traffic. From 25th to 28th there were various minor snowfalls, especially in north-east and south-east.

The only thunder reported was on morning of 21st at Lerwick and Deerness.

Sunshine amounts were below the normal in the north, equal to it in Edinburgh; and in excess in the west and at Marchmont.

Coast fog occurred round the north on 4th and 5th, and from 10th to 14th; and in the south-west from 12th to 14th, and on 23rd and 24th.

Auroras were observed at Baltasound on 4th, 7th, 8th, 14th and 16th, at Deerness on 7th, and at Aberdeen on 7th and 8th.

*Note.*—The averages for Temperature and Rainfall referred to in the returns for individual stations are for the 40 years 1866–1905, but at the stations whose returns are supplied by the Meteorological Office the averages are for the 35 years 1871–1905. For stations where the actual observations do not cover the entire period of 35 or 40 years, the averages have been adjusted by comparison with neighbouring stations. The Sunshine averages are, as a rule, for the 25 years 1881–1905, but at Edinburgh (Blackford Hill) for the 13 years 1901–1913.

The amount of cloud is estimated on a scale of 0–10, and a day is reckoned as a day of “clear sky” if the average of the estimates at the hours of observation is less than 2, and as an “overcast” day if the average is greater than 8.

The “Height of Station” is that of the cistern of the Barometer above Mean Sea-Level or, where no barometer is in use, the height of the rain-gauge above Mean Sea-Level.

It is to be noted that the observations of pressure have not been adjusted to mean sea-level or Lat. 45°, but are at the heights and latitudes of the various stations.

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.			
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
	feet.	inch.	Maximum.	Minimum.	Mean of A and B.	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
SHETLAND—														
†Baltasound - - -	31	...	42.1	35.7	38.9	...	48	19th	25	11th	...	...	...	...
*Lerwick - - -	59	29.359	42.6	36.0	39.3	+0.3	47	13th, 18th, 19th	30	11th	40.3	2.0	.210	84
ORKNEY—														
Deerness - - -	163	29.226	42.3	36.9	39.6	+0.6	47	13th, 19th, 20th	31	10th	39.2	1.8	.205	85
†Kirkwall - - -	72	29.329	41.7	36.0	38.9	-0.6	48	13th	29	8th, 10th	39.1	1.7	.206	86
CAITHNESS—														
*Wick - - -	94	29.313	42.1	34.3	38.2	+0.4	48	19th	25	8th	38.3	1.1	.209	91
SUTHERLAND—														
Dunrobin - - -	16	...	41.5	31.6	36.6	-1.6	50	13th	26	8th, 10th, 27th	37.0	1.6	.189	86
ROSS & CROMARTY—														
†Fortrose - - -	69	...	40.2	32.6	36.4	...	50	17th	23	27th	37.3	1.6	.192	87
Strathpeffer - - -	210	29.199	41.3	31.4	36.4	-0.3	52	20th	24	27th	35.3	1.5	.178	86
Glencarron - - -	504	...	...	...	...	...	...	...	...	...	...	...	...	...
*Stornoway - - -	52	29.338	42.7	34.7	38.7	-0.1	50	13th	27	10th, 27th	39.1	0.9	.221	93
INVERNESS—														
*Castlebay - - -	48	29.366	45.2	38.4	41.8	+0.9	50	12th, 13th, 14th	34	22nd	42.3	2.2	.224	84
Inverness - - -	114	29.329	42.0	33.6	37.8	-0.7	53	13th	28	26th	37.2	1.9	.185	83
Fort-Augustus - - -	73	...	42.3	29.7	36.0	-2.1	51	13th	19	18th, 30th	...	...	...	...
Fort-William - - -	38	29.424	41.2	32.7	37.0	-1.8	50	13th	24	10th	37.0	1.7	.187	85
Kingussie - - -	828	28.562	39.0	29.1	34.1	-0.6	49	13th	17	10th	33.9	1.0	.175	89
NAIRN—§Nairn - - -	82	29.339	40.5	30.9	35.7	-1.7	51	13th, 14th	24	8th, 11th, 26th	35.9	1.3	.188	89
ELGIN OR MORAY—														
Gordon Castle - - -	107	29.332	41.7	33.1	37.4	-0.5	52	13th, 20th	28	10th, 25th	37.5	1.9	.188	84
BANFF—†Banff - - -	64	29.373	41.5	33.2	37.4	...	51	14th, 20th	25	8th, 26th, 27th	37.3	1.6	.192	87
ABERDEEN—														
Braemar - - -	1114	28.265	37.7	28.5	33.1	-1.1	45	13th, 14th	13	10th	33.1	1.3	.162	85
†Balmoral - - -	927	28.456	40.6	28.5	34.6	-0.1	47	13th, 19th	19	11th	34.4	1.6	.167	84
Logie Coldstone - - -	608	...	...	...	...	...	...	...	...	...	...	...	...	...
Loanhead - - -	747	28.636	39.6	31.0	35.3	-0.6	49	13th	20	10th	36.0	0.8	.197	93
Aberdeen, King's Coll. - - -	88	29.353	41.3	34.8	38.1	+0.4	49	13th, 19th	28	10th	38.0	1.8	.194	85
KINCARDINE—														
†Crathes - - -	145	29.287	41.0	31.6	36.3	-0.1	50	14th, 19th, 20th	24	8th, 11th, 27th	35.1	1.3	.179	87
†Stonehaven - - -	86	...	42.0	33.3	37.7	...	49	13th, 14th	25	11th	...	...	...	...
FORFAR—														
Montrose - - -	200	...	40.9	33.1	37.0	-0.3	49	20th	26	10th	...	...	...	...
Arbroath - - -	70	29.395	42.3	34.4	38.4	+0.5	50	13th, 14th	29	8th, 10th, 26th	38.1	1.9	.193	84
†Lednathie - - -	720	...	38.5	30.2	34.4	-0.5	47	19th	18	28th	...	...	...	...
†Carnoustie - - -	39	...	41.8	33.6	37.7	...	51	13th	27	10th, 26th	...	...	...	...
Dundee, E. Necropolis - - -	164	29.283	40.4	32.0	36.2	-0.4	51	13th	25	10th	35.8	0.8	.195	93
†Dundee, Harbour - - -	20	...	40.7	34.5	37.6	-0.2	49	13th	29	11th	...	...	...	...
Balruddery - - -	276	...	41.7	31.5	36.6	-0.3	51	14th	26	25th	...	...	...	...
†Kettins - - -	218	...	40.0	30.9	35.5	...	49	13th, 14th	24	10th, 11th	34.6	1.4	.173	86
PERTH—														
Perth - - -	82	29.386	41.3	31.3	36.3	-1.0	51	13th, 14th	23	26th	35.4	1.4	.180	87
Crieff - - -	436	29.010	40.9	31.5	36.2	-0.6	51	13th, 14th	25	10th, 26th	36.4	1.9	.180	84
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—														
†St Andrews - - -	20	...	42.1	32.9	37.5	...	52	13th	24	26th, 27th	...	...	...	...
†Cupar - - -	210	...	42.8	31.6	37.2	+0.1	51	13th	24	26th, 27th	...	...	...	...
†Colinsburgh - - -	147	...	41.2	34.3	37.8	+0.5	50	13th	27	10th	36.8	1.5	.190	88
Lathallan - - -	522	28.906	39.7	32.7	36.2	...	49	13th, 14th	26	26th	38.4	1.1	.186	90
†Kirkcaldy - - -	100	29.375	43.1	35.0	39.1	...	51	13th, 14th	28	10th	38.0	0.9	.210	92
STIRLING—Buchlyvie - - -	125	29.351	40.8	31.0	35.9	-1.4	51	13th	21	24th	36.4	1.5	.187	87
DUMBARTON—														
†Helensburgh - - -	18	...	41.8	33.0	37.4	-1.5	52	13th	23	24th	...	...	...	...
†Kilmahew - - -	130	...	43.3	32.5	37.9	...	50	13th, 14th	23	24th, 25th	...	...	...	...
†Dumbarton - - -	27	29.448	43.1	34.1	38.6	-0.6	51	13th, 14th	25	24th	38.3	1.6	.200	87
ARGYLL—														
Ardtornish - - -	40	29.428	42.9	34.0	38.5	...	51	14th	26	24th	38.6	1.7	.201	86
†Lochbuie - - -	20	...	43.3	33.6	38.5	-2.2	50	13th	26	10th	...	...	...	...
†Oban - - -	20	29.449	43.8	34.0	38.9	-1.9	51	14th	26	24th	40.2	2.3	.203	82
Poltalloch - - -	135	...	...	...	...	...	...	...	...	...	...	...	...	...
Ardnadam - - -	64	...	41.7	33.9	37.8	...	52	13th	25	24th	...	...	...	...
BUTE—Rothesay - - -	160	29.311	42.1	35.4	38.8	-0.4	50	14th	30	24th	38.9	1.6	.206	88
RENFREW—														
†Greenock - - -	238	29.225	42.6	32.9	37.8	-0.9	51	13th	27	24th, 25th	38.7	1.2	.212	91
Paisley - - -	107	29.376	42.1	33.9	38.0	-0.9	51	13th	26	24th	38.0	1.5	.199	87

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
	Mean at 9 a.m. and 9 p.m Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	Number of Observations at 9 a.m. and 9 p.m.									
					Amount.	Day of Month.								N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
			inch.	inch.	inch.																		
...	28	4.95	...	...	0.58	13th	3	5	1	...	...	0	4	...	...	...	...	...	...	...	...	...	...
8.0	28	4.76	...	...	0.83	13th	5	1	0	0	13	0	5	9	3	2	17	12	7	4	3	5	
7.3	21	3.87	+0.46	...	0.57	10th	2	2	0	1	15	0	3	7	3	4	11	11	10	5	5	6	
7.5	21	3.66	-0.29	...	0.71	10th	2	0	0	0	9	0	5	6	2	4	14	10	4	16	2	4	
7.7	23	2.32	-0.07	...	0.39	13th	1	2	0	0	13	0	4	7	1	1	8	14	10	11	5	5	
...	11	3.12	+0.44	...	0.66	12th	1	0	0	...	...	0	3	12	4	4	3	4	4	6	18	7	
6.4	16	1.70	...	...	0.35	12th	3	0	0	0	7	2	1	10	4	4	0	4	4	30	2	4	
5.8	16	2.42	-0.69	...	0.56	12th	7	0	0	2	10	1	1	1	3	2	2	2	20	7	4	21	
...	26	11.60	+1.43	...	2.28	12th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.1	25	7.54	+2.29	...	0.95	10th	3	2	0	0	13	0	2	13	0	2	9	13	9	8	5	3	
7.3	27	3.95	...	...	0.43	10th	3	11	0	1	14	0	2	7	0	2	11	7	12	11	10	2	
6.8	13	2.26	-0.20	...	0.47	12th	5	0	0	0	11	8	2	0	3	2	2	4	16	20	15	0	
...	19	4.31	-1.26	...	0.70	14th	6	0	0	...	...	0	1	...	...	...	...	...	...	...	...	...	
7.8	19	10.18	+1.11	...	1.34	6th	5	1	0	2	15	3	1	0	3	5	3	3	21	2	0	25	
7.6	18	3.22	+0.91	...	0.70	15th	10	0	0	0	14	0	3	2	3	3	1	6	6	19	4	18	
7.5	21	1.89	-0.01	...	0.35	12th, 15th	3	1	0	0	11	0	1	2	0	3	1	2	5	25	3	21	
7.5	19	2.47	+0.43	...	0.63	12th	3	1	0	0	14	3	3	0	0	2	7	10	32	4	7	0	
7.6	20	3.01	...	...	0.58	1st	3	5	0	1	16	0	4	7	1	1	6	15	8	6	3	15	
6.4	15	3.48	+0.49	...	1.30	1st	12	0	0	1	11	0	0	4	10	2	0	16	20	4	6	0	
6.8	18	3.22	...	...	0.97	1st	8	0	1	3	12	0	3	6	0	2	6	2	12	12	22	0	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6.3	22	4.18	+2.26	...	0.79	15th	6	0	0	3	11	0	2	2	4	7	7	1	1	13	17	10	
6.2	22	3.31	+1.13	...	0.47	12th	5	4	0	2	9	0	0	1	1	1	5	11	13	8	14	8	
...	21	2.95	...	...	0.54	1st	4	0	0	...	...	3	1	6	0	2	16	26	2	2	6	2	
...	21	3.11	...	...	0.49	12th	3	0	0	...	...	0	2	6	0	2	4	10	6	10	24	0	
...	17	2.63	+0.47	...	0.45	3rd	2	0	0	...	...	0	1	17	0	3	0	18	1	20	3	0	
6.7	18	1.99	-0.17	...	0.35	10th	3	1	0	2	11	1	2	7	2	2	9	2	13	12	15	0	
...	18	3.63	-0.22	...	0.70	1st	8	0	0	...	...	0	1	2	4	0	4	0	8	20	24	0	
...	20	2.38	...	...	0.46	10th	1	0	0	...	...	0	1	12	1	3	4	5	6	24	7	0	
8.4	14	1.94	-0.33	...	0.39	4th	1	0	0	0	22	0	1	2	3	0	8	1	27	6	15	0	
...	14	1.83	...	...	0.50	4th	1	0	0	...	...	4	1	4	2	0	10	4	8	24	10	0	
6.6	14	2.04	...	...	0.47	4th	1	0	0	1	5	0	2	7	0	4	3	0	2	7	9	30	
6.4	17	2.22	...	...	0.36	4th	2	0	0	4	10	2	0	6	2	2	2	2	6	16	0	26	
7.1	14	2.22	-0.77	...	0.37	12th	4	0	0	2	11	5	0	9	2	3	8	3	10	14	12	1	
7.6	17	2.65	-1.81	...	0.49	10th, 14th	2	0	0	0	13	0	2	5	4	7	3	3	3	30	7	0	
...	11	6.19	-3.09	...	2.10	12th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	12	1.90	...	...	0.38	4th	2	0	0	...	...	6	0	0	4	0	6	2	26	12	12	0	
...	20	1.84	-0.47	...	0.25	10th	1	0	0	...	...	3	1	16	2	4	4	2	10	10	14	0	
...	14	1.95	...	...	0.39	10th	1	0	0	...	...	11	1	22	0	3	5	1	12	12	7	0	
6.9	13	2.28	...	...	0.85	12th	4	0	0	1	12	1	0	3	2	3	9	2	25	5	13	0	
6.3	16	1.53	...	...	0.25	10th, 15th	2	1	0	3	14	1	0	...	...	...	...	...	...	...	...	...	
6.3	20	2.72	-2.92	...	0.67	14th	2	0	0	2	6	2	1	2	1	1	5	1	20	13	5	14	
7.1	22	4.65	-0.27	...	0.70	14th	2	0	0	2	17	1	0	4	0	0	4	0	18	10	4	22	
...	20	3.55	...	...	0.61	10th	3	0	0	...	...	0	0	0	6	22	2	0	6	14	12	0	
...	20	3.26	-2.06	...	0.49	14th	3	0	0	...	...	0	0	10	0	4	8	4	14	2	14	6	
6.7	24	10.18	...	...	1.23	12th	4	4	0	1	10	0	1	1	3	22	7	2	4	14	8	1	
...	25	13.06	...	...	2.01	10th	0	5	1	...	...	2	0	8	12	6	14	4	4	8	6	0	
8.1	24	9.04	...	...	1.26	31st	3	6	1	3	20	0	0	1	0	3	13	2	12	12	7	12	
...	22	6.58	+1.37	...	1.18	10th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6.9	17	6.70	...	...	1.22	10th	2	0	0	4	13	0	2	7	0	3	4	6	10	6	16	10	
6.6	19	4.75	-0.17	...	0.93	10th	0	4	0	3	12	4	1	6	1	2	6	11	8	13	15	0	
7.0	19	5.60	-2.30	...	0.95	14th	3	1	0	1	11	3	0	0	2	0	20	0	14	12	14	0	
6.4	18	2.74	-1.99	...	0.45	10th, 14th	3	0	1	2	12	7	0	2	0	0	3	4	8	13	13	19	

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.					
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.						
			Maximum.	Minimum.		Mean of A and B.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.		
AYR—†Kilmarnock Agricultural College	feet. 90	inch. ...	°	42·1	31·3	36·7	°	-2·7	51	13th	20	24th	37·1	1·5	·192	87
†Turnberry - - -	97	29·420	°	43·5	35·9	39·7	°	-0·4	50	13th	29	4th, 24th	39·4	1·7	·208	87
Benwhat - - -	1177	...	°	...	...	...	°	...	...	...	...	...	...	...	...	...
†Colmonell - - -	150	29·349	°	43·6	33·9	38·8	°	-0·5	52	13th	23	4th, 24th	38·2	0·9	·212	93
LANARK—																
Glasgow, Belvidere -	54	...	°	42·9	34·8	38·9	°	-0·1	52	13th	26	24th	...	...	...	...
Glasgow Observatory -	184	29·282	°	41·7	34·5	38·1	°	-0·3	51	13th	28	24th	38·0	1·6	·197	86
*Glasgow, Springburn Park - - -	355	29·096	°	41·2	32·8	37·0	°	...	50	13th	26	25th	36·6	1·5	·188	87
†Thorntonhall - - -	440	...	°	40·4	31·4	35·9	°	...	50	13th	22	24th	36·1	1·2	·190	89
†Hamilton - - -	140	...	°	41·6	31·4	36·5	°	...	52	13th	22	24th	36·7	1·2	·195	90
†Dungavel - - -	800	...	°	39·3	30·8	35·1	°	...	49	13th	25	2nd, 17th, 18th	34·8	0·9	·184	92
†Leadhills - - -	1310	...	°	37·5	28·5	33·0	°	-0·5	48	13th	21	10th	32·4	0·8	·167	90
LINLITHGOW—																
Bangour - - -	584	28·841	°	39·8	31·3	35·6	°	...	49	13th, 14th	23	26th	35·4	1·2	·184	89
EDINBURGH—																
Edinburgh, Blackford	441	29·013	°	41·1	34·9	38·0	°	+0·6	51	13th	30	10th	37·6	2·0	·188	83
†Edinburgh, Liberton -	190	...	°	42·2	33·9	38·1	°	...	52	13th, 14th	27	10th, 27th	37·9	1·6	·197	87
†Edinburgh, Univ. -	227	...	°	42·6	35·5	39·1	°	...	52	13th	30	10th	38·8	1·9	·199	85
†Leith - - -	76	29·399	°	41·6	35·1	38·4	°	-0·5	52	13th	28	10th	39·0	1·7	·205	86
Dalkeith - - -	190	...	°	42·3	31·4	36·9	°	-0·4	53	13th	25	23rd, 25th, 26th	...	...	...	...
HADDINGTON—																
†Smeaton - - -	100	...	°	40·4	32·8	36·6	°	-1·1	51	13th, 14th	25	26th	...	...	...	...
BERWICK—																
Marchmont - - -	500	28·951	°	40·7	32·9	36·8	°	0·0	51	14th	26	26th	36·0	1·3	·188	88
Duns - - -	500	...	°	41·6	32·1	36·9	°	0·0	51	13th	20	26th	...	...	...	...
PEEBLES—																
†West Linton - - -	770	...	°	39·2	28·9	34·1	°	...	49	13th	20	27th	34·9	0·9	·185	91
The Glen - - -	750	...	°	41·3	29·6	35·5	°	+0·5	50	13th	20	26th	...	...	...	...
ROXBURGH—																
†Kelso (Broomlands) -	205	...	°	41·8	32·6	37·2	°	0·0	53	13th	21	26th	37·1	1·4	·194	88
Wolfelee - - -	537	...	°	42·1	31·4	36·8	°	+1·2	53	13th	19	26th	36·0	1·0	·193	91
DUMFRIES—																
Eskdalemuir - - -	778	28·654	°	39·4	30·6	35·0	°	...	51	13th	19	10th	34·9	1·3	·177	88
Drumlanrig - - -	191	...	°	41·2	32·2	36·7	°	-0·9	54	13th	24	10th, 24th, 26th	...	...	...	...
Dumfries - - -	155	29·378	°	42·7	33·4	38·1	°	-0·2	53	13th	25	26th	37·4	1·5	·194	87
Comlongon - - -	74	29·467	°	42·7	31·7	37·2	°	...	52	13th, 14th	23	10th	37·7	1·1	·205	90
KIRKCUDBRIGHT—																
Cargen - - -	85	29·455	°	42·7	33·0	37·9	°	-0·4	53	13th	23	26th	...	...	...	...
Cally - - -	120	...	°	43·5	33·1	38·3	°	-0·4	50	13th	25	24th, 30th	38·1	1·3	·203	88

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

JANUARY 1915.				JANUARY 1915.			
Total Observed.	Difference from Average.	Percentage of Possible.		Total Observed.	Difference from Average.	Percentage of Possible.	
Hours.	Hours.	%		Hours.	Hours.	%	
Baltasound -	16	8		St Andrews -	32	14	
Deerness -	18	9		Oban -	42	18	
Strathpeffer -	36	+ 3	16	Helensburg -	40	17	
Stornoway -	27	- 2	12	Cardross (Kilmaheew) -	39	17	
Castlebay (Barra) -	30	...	13	Rothsay -	41	18	
Fortrose -	33	...	15	Paisley -	33	- 2	14
Inverness -	26	...	11	Glasgow Observatory -	28	+ 5	12
Fort Augustus -	23	+ 6	10	Do., Springburn Park -	41	...	18
Nairn -	33	...	15	Thorntonhall -	35	...	15
Gordon Castle -	19	...	9	Kilmarnock -	36	...	15
Banff -	17	...	8	Turnberry -	53	...	22
Carrbridge -	29	...	13	Edinburgh -	42	- 2	18
Aberdeen (King's Col.) -	22	- 28	10	West Linton -	31	...	13
Crathes -	23	...	10	Marchmont -	38	- 7	16
Stonehaven -	39	...	17	Duns -	36	...	16
Carnoustie -	38	...	17	Eskdalemuir -	44	...	19
Balruddery -	42	...	18	Dumfries -	54	...	23
Perth -	38	...	17	Comlongon -	57	...	24



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS. Number of Observations at 9 a.m. and 9 p.m.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
Amount.	Day of Month.																						
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																			
7·7	20	3·62	...	0·66	10th	4	3	0	4	18	0	0	2	2	4	14	10	14	6	6	4		
8·1	18	3·00	- 0·49	0·70	10th	1	3	0	0	19	1	0	10	10	0	16	4	14	8	0	0		
...	20	5·65	...	1·03	10th	6	1	0	...	...	6	0	8	6	1	6	20	5	12	4	0		
7·7	21	4·69	+ 0·10	1·05	1st	1	0	0	1	19	1	1	4	2	10	6	8	2	14	12	4		
...	13	1·72	- 1·88	0·34	10th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
7·9	19	2·26	- 1·57	0·46	10th	3	2	0	1	18	1	0	4	3	10	2	7	10	22	4	0		
6·6	21	2·52	...	0·43	10th	4	3	0	0	9	5	1	1	5	7	7	4	15	13	7	3		
7·7	17	2·70	...	0·54	14th	2	0	0	0	14	0	0	0	0	0	18	6	20	2	14	2		
7·9	13	1·94	...	0·38	15th	0	0	0	1	16	1	0	2	0	0	22	0	16	0	20	2		
...	18	4·33	...	0·76	10th	8	1	0	...	...	0	1	14	2	24	6	4	0	10	2	0		
...	18	6·24	...	1·65	4th	6	0	0	...	...	0	1	4	4	8	2	10	2	6	0	26		
6·0	17	1·52	...	0·33	14th	2	0	0	0	4	2	0	5	4	0	4	1	14	16	18	-0		
6·8	16	1·22	- 0·68	0·23	10th	3	0	0	1	7	4	2	0	0	1	5	4	19	17	9	7		
7·6	14	1·30	...	0·25	1st	1	0	0	3	18	3	0	0	0	2	6	0	16	26	6	6		
...	16	1·18	- 0·92	0·29	10th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
7·1	16	1·32	- 0·67	0·35	10th	0	0	0	6	19	5	0	2	2	2	6	4	10	26	10	0		
...	13	1·44	...	0·36	1st	1	0	0	...	...	1	1	7	3	0	1	11	25	2	13	0		
7·6	11	1·67	- 0·13	0·42	10th	1	0	0	4	19	0	2	12	12	8	0	2	4	8	16	0		
6·9	17	2·28	- 0·26	0·35	3rd	4	0	0	1	12	0	0	4	0	4	6	0	8	33	7	0		
...	14	2·00	- 0·46	0·31	21st	4	0	0	...	...	0	0	1	13	0	4	7	23	9	5	0		
6·8	20	2·91	...	0·49	8th	5	0	0	3	15	1	2	0	4	4	6	6	8	24	10	0		
...	15	4·23	...	0·82	8th	9	0	0	...	...	0	2	24	2	0	0	5	4	25	2	0		
7·3	15	1·71	- 0·27	0·26	3rd, 14th	1	0	0	0	12	0	0	4	2	14	0	0	30	12	0	0		
6·9	20	1·86	- 2·17	0·27	14th	7	0	0	0	6	0	0	7	6	0	5	3	22	9	10	0		
7·9	18	3·70	...	0·55	14th	8	2	0	0	19	0	2	9	3	0	3	5	14	9	5	14		
...	17	4·26	- 0·93	0·61	10th	4	0	0	...	...	2	0	11	2	3	7	6	3	12	14	4		
6·7	16	2·35	- 1·15	0·59	10th	1	0	1	1	11	1	0	3	7	3	4	1	14	8	22	0		
6·8	16	2·78	...	0·67	10th	0	0	0	2	15	0	0	7	3	6	0	1	14	0	8	23		
...	16	3·53	- 1·09	0·75	10th	3	1	1	...	...	3	0	1	5	4	2	0	17	10	23	0		
5·9	18	4·75	- 0·09	1·04	10th	0	1	0	2	7	0	1	3	19	1	12	0	6	1	20	0		

EARTH TEMPERATURE.

JANUARY 1915.				1 ft.	4 ft.	12 ft.
				°	°	°
Baltasound	-	-	-	37·9	...	...
Dunrobin,	-	-	-	36·2	...	...
Inverness	-	-	-	35·0	...	...
Aberdeen	-	-	-	...	39·8	...
Crathes	-	-	-	33·6	37·1	...
Arbroath	-	-	-	33·9	...	...
St. Andrews	-	-	-	35·8	40·0	...
Rothesay	-	-	-	37·3	41·9	...
Paisley	-	-	-	37·7	42·8	...
Edinburgh (University)	-	-	-	36·4	40·7	48·9
Smeaton	-	-	-	36·2	...	...
Dumfries	-	-	-	36·6	40·2	...

STATIONS.	Height of Station above Sea-level.	BARO- METER.		AIR TEMPERATURE.								HYGROMETER.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of A. B. Maximum. Minimum.	Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.					
						Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.		
S H E T L A N D—	feet.	inch.	°	°	°	°	°	°	°	°	°	°	inch.	%	
†Baltasound - - -	31	...	42·1	35·2	38·7	...	49	3rd	26	24th	...	...	...	...	
*Lerwick - - -	59	29·383	42·3	35·4	38·9	+0·7	49	3rd	25	24th	39·2	1·6	·208	87	
ORKNEY—															
Deerness - - -	163	29·213	42·3	36·2	39·3	+0·8	48	4th	27	24th	38·4	1·8	·197	86	
†Kirkwall - - -	72	29·313	42·4	35·8	39·1	0·0	48	3rd, 4th	24	24th	38·8	2·0	·197	84	
CAITHNESS—															
*Wick - - -	94	29·290	41·9	33·6	37·8	-0·1	49	3rd	24	24th	37·8	0·9	·210	93	
SUTHERLAND—															
Dunrobin - - -	16	...	42·4	31·8	37·1	-1·7	51	4th	20	24th	37·4	1·4	·196	88	
ROSS & CROMARTY—															
†Fortrose - - -	69	...	40·8	32·3	36·6	...	49	2nd	21	24th	37·6	1·8	·191	84	
Strathpeffer - - -	210	29·155	42·6	32·5	37·6	+0·4	53	3rd	24	24th	36·8	2·0	·181	83	
Glencarron - - -	504	...	...	...	...	...	...	...	...	...	...	...	...	...	
*Stornoway - - -	52	29·281	42·7	34·9	38·8	-0·2	52	3rd	24	24th	38·5	1·4	·205	88	
INVERNESS—															
*Castlebay - - -	48	29·290	44·1	37·5	40·8	-0·1	51	3rd	29	23rd	40·8	2·3	·209	82	
Inverness - - -	114	29·274	43·6	33·4	38·5	-0·5	56	3rd	22	24th	38·2	2·1	·190	83	
Fort-Augustus - - -	73	29·315	43·1	33·6	38·4	+0·2	54	3rd	12	24th	37·8	1·6	·196	87	
Fort-William - - -	38	29·358	43·0	33·6	38·3	-0·7	54	3rd	17	24th	37·9	2·3	·185	81	
Kingussie - - -	828	28·516	39·3	29·0	34·2	-1·0	48	2nd, 3rd, 4th	11	24th	35·0	1·7	·170	83	
NAIRN—§Nairn - - -	82	29·302	42·3	31·3	36·8	-0·9	53	3rd	23	24th, 25th	36·9	1·9	·183	84	
ELGIN OR MORAY—															
Gordon Castle - - -	107	29·302	43·0	33·3	38·2	-0·1	54	4th	25	24th	37·4	1·7	·191	86	
BANFF—†Banff - - -	64	29·360	42·3	33·9	38·1	...	52	2nd, 4th	28	20th	37·8	1·7	·194	86	
ABERDEEN—															
Braemar - - -	1114	28·236	38·3	28·5	33·4	-1·1	48	4th	12	16th	34·2	1·5	·168	84	
†Balmoral - - -	927	28·429	39·7	27·4	33·6	-1·4	50	3rd	14	16th	34·2	1·7	·164	82	
Logie Coldstone - - -	608	...	39·5	30·3	34·9	-0·9	49	2nd, 4th	20	24th	...	...	...	...	
Loanhead - - -	747	28·627	39·2	30·9	35·1	-0·9	49	2nd, 4th	20	24th	36·1	1·2	·190	89	
Aberdeen, King's Coll. - - -	88	29·343	41·9	34·5	38·2	+0·1	49	2nd	27	24th	37·9	1·8	·193	85	
KINCARDINE—															
†Crathes - - -	145	29·271	42·6	32·0	37·3	+0·2	51	2nd	25	24th	36·6	1·6	·186	86	
†Stonehaven - - -	86	...	43·7	33·6	38·7	...	49	2nd, 3rd	29	1st, 16th, 23rd	...	...	...	...	
FORFAR—															
Montrose - - -	200	...	42·2	33·0	37·6	0·0	49	2nd, 4th	26	24th	...	...	...	...	
Arbroath - - -	70	29·381	42·9	34·0	38·5	0·0	49	4th	28	23rd, 24th	38·1	1·8	·194	84	
†Lednathie - - -	720	...	38·5	30·4	34·5	-0·7	50	4th	23	24th	...	...	...	...	
†Carnoustie - - -	39	...	42·8	33·8	38·3	...	50	1st, 2nd	26	23rd, 24th	...	...	...	...	
Dundee, E. Necropolis - - -	164	29·268	42·1	32·5	37·3	-0·4	52	3rd	25	24th	36·6	1·0	·197	91	
†Dundee Harbour - - -	20	...	43·3	35·1	39·2	-0·3	53	3rd	27	24th	...	...	...	...	
Balruddery - - -	276	...	41·8	31·4	36·6	...	52	4th	23	24th	...	...	...	...	
†Kettins - - -	218	...	42·2	31·4	36·8	...	52	3rd	22	24th	36·4	1·4	·189	88	
PERTH—															
Perth - - -	82	29·363	42·1	32·5	37·3	-0·9	53	3rd	23	1st, 24th	36·7	1·2	·195	90	
Crieff - - -	436	28·976	41·4	31·5	36·5	-1·4	50	2nd, 3rd, 4th	23	24th	36·4	1·6	·185	86	
†Stronvar - - -	422	...	42·1	32·7	37·4	+0·5	48	3rd	12	24th	...	...	...	...	
FIFE—															
†St Andrews - - -	20	...	43·3	33·4	38·4	...	52	3rd	25	24th	...	...	...	...	
†Cupar - - -	210	...	44·0	31·8	37·9	0·0	52	3rd	23	24th	...	...	...	...	
†Colinsburgh - - -	147	...	42·1	33·5	37·8	-0·2	49	4th	25	24th	37·5	1·6	·193	86	
Lathallan - - -	522	28·884	40·6	31·7	36·2	...	50	3rd, 4th	23	24th	35·6	1·2	·187	89	
†Kirkcaldy - - -	100	29·346	44·3	34·9	39·6	...	53	4th	26	24th	38·6	0·9	·217	93	
STIRLING—Buchlyvie - - -	125	29·300	42·6	32·2	37·4	-0·4	51	3rd, 4th	20	24th	37·3	1·4	·195	88	
DUMBARTON—															
†Helensburgh - - -	18	...	43·5	32·8	38·2	-0·5	51	3rd, 4th, 5th	21	24th	...	...	...	...	
†Kilmahew - - -	130	...	43·9	31·9	37·9	...	52	3rd	19	24th	...	...	...	...	
†Dumbarton - - -	27	29·397	43·9	36·6	40·3	+1·1	53	3rd	26	24th	38·4	1·6	·200	87	
ARGYLL—															
Ardtornish - - -	40	29·377	45·6	34·1	39·9	...	52	2nd, 4th	20	24th	38·5	1·8	·198	86	
†Lochbuie - - -	20	...	43·8	34·5	39·2	-0·7	52	3rd	22	24th	...	...	...	...	
†Oban - - -	20	...	45·4	34·0	39·7	-0·6	53	3rd	22	24th	39·7	2·2	·202	82	
Poltalloch - - -	135	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ardnadarn - - -	64	...	42·1	33·8	38·0	...	49	15th	24	24th	...	...	...	...	
BUTE—Rothesay - - -	160	29·252	42·8	34·7	38·8	-0·8	48	2nd, 3rd, 4th	26	24th	38·7	1·6	·204	87	
RENFREW—															
†Greenock - - -	238	29·163	43·3	32·4	37·9	-0·8	52	3rd	23	24th	38·3	1·1	·209	91	
Paisley - - -	107	29·315	44·2	34·4	39·3	+0·4	52	3rd	25	24th	38·8	1·8	·201	85	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale	Number of Observations at 9 a.m. and 9 p.m.									
				Amount.	Day of Month.								N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																		
...	27	3.74	...	0.51	17th	7	8	0	...	...	0	7	...	...	...	...	...	...	...	...	...	...
7.4	25	4.53	...	0.55	17th	11	1	0	0	9	0	8	9	3	1	14	19	4	1	2	3	
7.2	19	4.04	+1.18	0.91	7th	5	6	0	0	9	0	7	6	1	6	17	11	8	4	2	1	
7.1	20	3.57	+0.16	0.44	8th	4	0	0	0	8	0	2	2	4	10	10	8	10	6	4	2	
7.4	20	2.52	+0.43	0.51	7th	6	3	0	0	12	3	4	4	1	2	17	10	9	5	5	3	
5.6	15	3.31	+0.57	0.60	8th	3	0	0	3	6	0	1	3	0	10	11	1	12	0	8	11	
5.8	20	1.98	...	0.47	22nd	4	0	0	1	6	0	0	0	6	4	8	2	0	22	10	4	
6.9	18	2.93	+0.30	0.62	7th, 22nd	5	0	0	1	11	1	1	2	3	9	2	0	16	7	3	14	
...	25	6.16	-0.95	1.16	1st	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6.7	25	5.87	+1.98	0.75	26th	6	2	0	0	9	0	11	8	3	4	11	12	8	5	2	3	
7.5	23	3.34	...	0.51	17th	5	6	0	1	13	0	4	7	3	9	9	8	7	7	5	1	
6.8	14	1.74	-0.30	0.62	22nd	7	0	0	0	9	2	1	4	3	8	3	4	19	8	7	0	
7.6	23	3.31	-0.76	0.51	1st	10	0	0	0	14	0	3	4	10	0	2	2	32	6	0	0	
8.4	22	7.26	+0.02	1.60	1st	8	0	0	1	16	1	1	1	9	4	4	2	26	1	2	7	
7.5	20	2.59	+0.53	0.47	7th	15	0	0	0	14	0	5	2	6	8	5	5	8	14	2	6	
7.3	19	1.35	-0.24	0.35	22nd	9	0	0	0	6	0	5	2	1	7	6	4	11	13	2	10	
6.9	20	2.93	+0.97	0.47	14th	11	0	0	0	9	3	2	4	5	0	11	20	13	2	1	0	
7.4	19	2.82	...	0.97	7th	8	4	0	2	15	1	3	4	4	2	10	18	5	5	0	8	
6.6	21	7.89	+5.23	1.59	7th	16	0	0	3	9	0	3	4	4	10	6	10	16	4	2	0	
6.9	23	4.80	...	0.65	3rd	13	0	0	6	14	0	3	0	4	12	2	2	20	8	8	0	
...	22	4.99	...	0.74	6th	13	0	0	...	1	3	...	...	...	...	...	...	...	...	...	...	
6.8	22	4.99	+2.84	0.74	6th	13	0	0	4	15	0	3	1	1	3	12	0	8	9	15	7	
6.3	20	3.54	+1.30	0.75	7th	8	0	0	2	10	0	0	2	1	3	13	12	11	5	6	3	
6.6	19	7.73	...	1.93	7th	7	0	0	5	15	2	4	6	2	4	16	10	10	8	0	0	
...	21	3.11	...	0.46	17th	6	0	0	...	...	0	3	6	0	2	12	14	6	6	10	0	
...	18	4.52	+2.46	1.03	7th	7	5	0	...	...	0	1	21	1	4	4	21	1	2	2	0	
6.3	18	2.80	+0.99	0.59	7th	9	2	0	2	12	1	3	6	2	0	16	7	13	8	4	0	
...	22	8.70	+5.50	1.96	5th	13	0	0	...	...	0	2	0	12	6	4	2	10	8	14	0	
...	22	4.25	...	1.10	7th	1	0	0	...	...	0	3	9	2	2	5	10	10	16	2	0	
8.2	21	4.48	+2.40	1.05	7th	4	0	0	1	18	0	3	3	5	2	15	0	28	2	1	0	
...	19	4.22	...	1.08	7th	1	1	0	...	...	0	3	6	4	4	12	2	10	14	4	0	
6.3	20	4.47	...	0.92	7th	4	0	0	1	10	0	4	1	0	10	2	0	7	8	0	28	
6.2	21	7.62	...	1.70	7th	4	0	0	6	14	0	0	2	2	2	6	10	10	8	2	14	
7.0	18	5.19	+2.61	0.89	7th	5	1	1	2	12	5	1	7	0	10	3	4	19	3	2	8	
8.0	21	7.32	+4.05	1.05	7th	11	0	1	0	16	0	3	4	4	15	0	0	2	24	7	0	
...	18	11.89	+4.94	2.43	1st	...	...	...	...	...	...	...	0	10	0	32	0	14	0	0	0	
...	17	4.93	...	1.32	17th	1	2	0	...	...	0	2	0	4	6	6	0	24	4	12	0	
...	22	5.66	+3.68	1.40	7th	7	1	0	...	...	0	0	10	6	2	6	8	8	4	12	0	
...	20	3.44	...	0.67	16th	3	0	0	...	...	0	4	2	4	2	15	1	13	13	6	0	
6.6	20	3.32	...	0.43	7th	7	0	0	1	8	1	2	4	2	1	12	7	20	5	5	0	
7.3	21	2.37	...	0.42	16th	4	1	0	5	14	0	0	...	...	...	...	...	...	...	...	...	
6.6	25	5.89	+1.25	0.83	7th	10	1	1	0	9	1	1	1	0	10	6	1	14	16	1	7	
6.9	22	8.04	+4.04	1.31	1st	3	0	0	1	13	0	2	2	2	10	2	2	14	6	0	18	
...	24	7.62	...	1.22	7th	5	2	2	...	...	0	1	10	2	20	8	4	4	4	4	0	
...	23	7.94	+3.74	1.24	1st	3	3	0	...	...	0	1	8	4	4	16	4	2	8	6	4	
6.3	24	10.10	...	1.40	7th	6	1	0	0	8	0	4	3	3	15	11	4	7	11	2	0	
...	24	7.39	...	0.84	1st	5	3	0	...	...	0	1	8	12	8	14	0	4	4	6	0	
6.8	22	5.44	...	0.91	26th	5	1	0	1	8	1	0	2	6	4	10	4	19	7	4	0	
...	25	6.64	+2.63	0.81	7th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.6	22	10.66	...	2.71	1st	7	1	0	1	16	0	1	4	4	6	9	8	12	8	3	2	
6.9	23	6.35	+2.68	0.88	1st	4	6	1	0	10	1	3	7	6	2	7	11	3	12	8	0	
6.9	22	10.55	+4.36	1.79	1st	9	2	0	0	11	0	1	0	10	8	10	0	10	14	4	0	
6.8	23	5.66	+2.05	1.59	26th	8	1	1	0	11	2	1	2	2	2	11	6	14	7	8	4	

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.			
			Mean of		Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			A.	B.		Maximum.	Day of Month.	Minimum.	Day of Month.		Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
AYR.—†Kilmarnock	feet.	inch.	°	°	°	°					°	°	inch.	%
Agricultural College	90	...	43·5	32·3	37·9	-1·4	52	3rd	23	24th	38·0	1·6	·197	86
†Turnberry - - -	97	29·354	44·0	35·0	39·5	-1·0	51	1st	26	24th	39·5	1·3	·216	90
Benwhat - - -	1177	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell - - -	150	29·279	43·9	33·8	38·9	-0·6	50	1st, 3rd	22	24th	38·5	1·0	·213	92
LANARK—														
Glasgow, Belvidere -	54	...	43·9	35·2	39·6	+0·1	52	3rd	25	24th	...	...	...	...
Glasgow Observatory -	184	29·226	42·8	34·9	38·9	-0·1	51	3rd, 4th	26	24th	38·1	1·6	·198	86
*Glasgow, Springburn														
Park - - -	355	29·051	42·0	33·0	37·5	...	50	1st, 2nd, 3rd	24	24th, 25th	36·8	1·5	·190	88
†Thorntonhall - - -	440	...	41·4	31·0	36·2	...	55	3rd	13	24th	35·7	1·1	·190	90
†Hamilton - - -	140	...	43·0	33·5	38·3	...	51	3rd	16	24th	37·2	1·6	·191	86
†Dungavel - - -	800	...	39·8	29·9	34·9	...	49	1st, 3rd	20	24th	34·5	1·0	·180	90
†Leadhills - - -	1310	...	37·7	28·2	33·0	-0·9	45	1st, 2nd, 3rd	13	24th	32·4	0·8	·167	90
LINLITHGOW—														
Bangour - - -	584	28·800	40·5	31·7	36·1	...	49	2nd, 3rd, 4th	19	24th	35·4	1·2	·184	89
EDINBURGH—														
Edinburgh, Blackford	441	28·975	41·9	34·1	38·0	-0·7	53	3rd	23	24th	37·4	1·9	·187	84
†Edinburgh, Liberton -	190	...	43·1	33·1	38·1	...	53	1st, 3rd	23	23rd	37·3	1·8	·188	85
†Edinburgh, Univ. -	227	...	42·9	34·7	38·8	...	53	2nd, 3rd	26	24th	38·4	2·2	·190	83
†Leith - - -	76	29·369	42·8	34·7	38·8	-0·9	52	3rd	27	24th	38·8	1·6	·205	87
Dalkeith - - -	190	...	43·7	32·9	38·3	+0·3	53	3rd	21	24th	...	...	...	...
HADDINGTON—														
†Smeaton - - -	100	...	41·7	32·6	37·2	-1·0	50	3rd	25	24th	...	...	...	...
BERWICK—														
Marchmont - - -	500	28·921	42·1	31·1	36·6	-0·9	50	4th	23	24th	35·9	1·2	·190	90
Duns - - -	500	...	42·6	31·0	36·8	-1·0	51	4th	23	22nd	...	...	...	...
PEEBLES—														
†West Linton - - -	770	...	39·8	29·4	34·6	...	49	3rd	13	24th	35·1	0·9	·187	91
The Glen - - -	750	...	42·1	30·0	36·1	-0·1	48	2nd	20	24th	...	...	...	...
ROXBURGH—														
†Kelso (Broomlands) -	205	...	43·9	31·8	37·9	-0·2	52	3rd	23	24th	36·0	1·2	·189	89
Wolfelee - - -	537	...	43·4	30·9	37·2	+0·6	49	3rd, 4th	11	24th	35·6	1·1	·189	90
DUMFRIES—														
Eskdalemuir - - -	778	28·617	39·9	30·2	35·1	...	49	3rd	20	1st	34·9	1·3	·177	88
Drumlanrig - - -	191	...	43·0	31·4	37·2	-0·8	50	4th	20	24th	...	...	...	...
Dumfries - - -	155	29·309	43·2	33·1	38·2	-0·9	51	4th	25	24th	37·2	1·4	·194	87
Comlongon - - -	74	29·400	44·1	32·9	38·5	...	52	4th	23	24th	37·7	1·3	·201	89
KIRKCUDBRIGHT—														
Cargen - - -	85	29·385	44·0	32·8	38·4	-0·7	52	3rd	24	24th	...	...	...	...
Cally - - -	120	...	43·8	32·5	38·2	-0·8	50	5th	24	24th	37·8	1·5	·198	88

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

FEBRUARY 1915.	Total Observed.	Difference from Average.	Percentage of Possible.	FEBRUARY 1915.	Total Observed.	Difference from Average.	Percentage of Possible.
	Hours.	Hours.	%		Hours.	Hours.	%
Baltasound - - -	27	...	11	St Andrews - - -	66	...	25
Deerness - - -	49	- 5	19	Oban - - -	53	...	20
Strathpeffer - - -	46	-15	18	Helensburgh - - -	45	...	18
Stornoway - - -	51	- 9	20	Cardross (Kilmahew)	54	...	21
Castlebay (Barra) -	55	...	21	Rothsay - - -	53	...	20
Fortrose - - -	54	...	21	Paisley - - -	56	+ 5	21
Inverness - - -	44	...	17	Glasgow Observatory	39	- 4	15
Fort-Augustus - - -	35	- 7	14	Do., Springburn Park	48	...	18
Nairn - - -	55	...	21	Thorntonhall - - -	53	...	20
Gordon Castle - - -	55	...	21	Kilmarnock - - -	52	...	20
Banff - - -	65	...	25	Turnberry - - -	69	...	26
Carrbridge - - -	47	...	18	Edinburgh - - -	66	- 9	25
Aberdeen (King's Col.)	59	-13	23	West Linton - - -	48	...	18
Crathes - - -	52	...	20	Marchmont - - -	59	- 6	22
Stonehaven - - -	65	...	25	Duns - - -	63	...	24
Carnoustie - - -	63	...	24	Eskdalemuir - - -	49	...	19
Balruddery - - -	45	...	18	Dumfries - - -	52	...	20
Perth - - -	57	...	22	Comlongon - - -	65	...	25



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.								
						Number of Days with							Number of Observations at 9 a.m. and 9 p.m.								
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day. Amount. Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
7.1	21	4.95	...	1.30	26th	5	2	0	6	17	0	1	2	2	10	10	16	4	6	4	2
8.3	19	3.68	+0.80	0.63	1st	3	3	1	1	21	1	1	6	6	2	14	10	12	2	2	2
...	16	8.58	...	1.35	3rd	...	...	...	...	...	...	...	6	0	4	6	22	10	8	0	0
7.1	22	8.50	+4.87	1.76	16th	2	0	1	2	12	0	2	4	2	6	12	4	8	6	12	2
...	25	4.11	+1.30	1.05	26th	5	0	1	...	...	0	0	6	3	4	11	8	14	4	1	5
7.7	24	4.15	+1.01	0.75	26th	5	4	1	0	13	0	0	2	4	14	3	9	10	9	5	0
7.4	24	4.06	...	0.75	26th	11	5	1	0	12	0	2	2	4	10	8	9	13	9	1	0
6.9	24	4.98	...	1.25	26th	4	1	0	1	11	1	0	2	6	4	14	6	20	0	2	2
7.0	20	4.19	...	1.40	26th	5	0	0	0	12	1	1	2	0	4	18	2	14	0	14	2
...	22	5.91	...	1.47	26th	12	0	0	...	...	0	2	0	0	22	12	10	2	8	2	0
...	26	12.87	...	2.10	16th	14	6	2	...	...	0	1	4	2	0	10	20	0	2	0	18
6.6	20	2.07	...	0.33	26th	9	3	0	0	8	1	1	4	2	4	9	3	19	4	11	0
6.5	19	1.94	+0.29	0.31	11th, 26th	9	0	0	1	8	0	5	3	3	2	11	11	12	8	0	6
7.6	18	2.13	...	0.37	26th	5	0	0	2	16	3	1	0	0	4	4	6	14	22	4	2
...	18	2.15	+0.45	0.39	11th	5	2	0	...	...	0	1	...	...	...	...	...	...	...	...	...
6.7	19	1.78	+0.01	0.22	12th	4	2	0	4	15	0	0	0	2	4	8	4	18	12	4	4
6.1	18	2.14	...	0.35	11th	5	0	0	5	13	0	1	2	0	4	12	3	22	3	10	0
7.2	15	2.31	+0.74	0.54	7th	3	0	0	3	13	0	3	4	2	8	10	0	12	4	16	0
6.5	21	2.94	+0.61	0.29	2nd	5	0	0	5	15	0	0	7	1	6	3	3	10	24	2	0
...	21	3.24	+0.99	0.50	16th	5	0	0	...	...	0	0	1	13	1	12	4	20	4	1	0
7.1	23	3.32	...	0.32	26th	12	1	0	1	15	0	3	0	6	2	8	14	10	14	2	0
...	22	6.85	...	0.82	3rd	14	0	1	...	...	0	1	11	2	3	2	12	8	15	3	0
6.9	20	2.31	+0.54	0.26	7th	5	0	0	0	10	0	0	2	2	2	0	4	38	6	2	0
7.5	25	6.30	+3.23	1.03	16th	11	0	1	0	13	1	3	3	6	0	0	10	29	6	2	0
7.9	21	8.27	...	1.61	26th	14	2	1	0	14	0	2	5	3	1	10	16	8	8	1	4
...	22	9.12	+5.06	1.34	16th	13	1	1	...	...	2	2	4	3	13	16	7	5	5	2	1
7.3	22	7.54	+4.56	1.46	16th	9	1	1	0	13	1	1	7	3	3	11	5	14	7	6	0
6.5	19	6.18	...	1.48	26th	5	1	1	1	7	0	1	2	7	9	10	3	8	3	7	7
...	20	11.10	+7.30	2.15	26th	6	1	1	...	...	2	1	1	5	9	11	6	9	12	3	0
6.1	18	6.81	+2.66	1.20	26th	4	1	0	1	7	0	1	1	12	3	18	0	1	1	20	0

EARTH TEMPERATURES.

FEBRUARY 1915.				1 ft.	4 ft.	12 ft.
				°	°	°
Baltasound	-	-	-	37.9	...	...
Dunrobin	-	-	-	36.7	...	...
Inverness	-	-	-	36.0	...	...
Aberdeen	-	-	-	...	39.6	...
Crathes	-	-	-	35.0	37.0	...
Arbroath	-	-	-	34.3	...	...
St Andrews	-	-	-	36.6	39.6	...
Rothsay	-	-	-	37.9	41.3	...
Paisley	-	-	-	38.5	41.9	...
Edinburgh (University)	-	-	-	37.1	40.1	47.2
Smeaton	-	-	-	36.8	...	...
Dumfries	-	-	-	36.7	39.4	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.		Mean of		Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
				A. Maximum.	B. Minimum.		Maximum.	Day of Month.	Minimum.	Day of Month.					
SHETLAND—	feet.	inch	°	°	°	°	°		°		°	°	inch.	%	
†Baltasound - - -	31	...	41·3	32·6	37·0	...	48	11th	21	1st	...	...	...	...	...
*Lerwick - - -	59	29·771	41·7	32·8	37·3	-1·3	50	11th	25	17th, 19th, 20th	37·2	1·2	·198	89	
ORKNEY—															
Deerness - - -	163	29·693	42·5	35·4	39·0	-0·3	48	10th, 14th, 15th	27	20th	38·4	1·7	·199	87	
†Kirkwall - - -	72	29·786	43·4	35·5	39·5	-0·2	48	11th, 15th, 23rd	25	19th, 20th	39·5	1·8	·207	86	
CAITHNESS—															
*Wick - - -	94	29·787	44·0	33·8	38·9	-0·6	55	10th	24	19th, 20th	37·9	0·8	·211	93	
SUTHERLAND—															
Dunrobin - - -	16	...	45·7	32·8	39·3	-1·0	55	10th, 12th	24	18th	39·5	1·5	·212	88	
ROSS & CROMARTY—															
†Fortrose - - -	69	...	44·3	34·3	39·3	...	52	15th	24	20th	40·1	2·1	·206	83	
Strathpeffer - - -	210	29·690	46·1	34·4	40·3	+1·2	55	13th	26	20th	39·6	2·2	·201	82	
Glencarron - - -	504	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Stornoway - - -	52	29·871	45·1	35·5	40·3	+0·6	52	12th	24	18th	39·0	0·7	·224	94	
INVERNESS—															
*Castlebay - - -	48	29·903	46·0	38·3	42·2	+0·6	51	13th	27	18th	41·9	2·0	·226	86	
Inverness - - -	114	29·801	46·7	35·5	41·1	+0·3	56	13th	25	20th	40·8	1·8	·217	86	
Fort-Augustus - - -	73	29·872	46·5	34·0	40·3	+0·6	56	13th, 14th	23	19th	39·8	1·6	·213	88	
Fort-William - - -	38	29·916	47·0	34·2	40·6	0·0	55	13th	24	19th, 28th	39·8	2·2	·202	83	
Kingussie - - -	828	29·017	43·6	31·2	37·4	+0·7	55	12th	19	20th	37·0	1·9	·184	84	
NAIRN—§Nairn - - -	82	29·827	45·7	33·0	39·4	-0·4	55	10th, 12th, 14th	20	20th	39·4	2·0	·203	84	
ELGIN OR MORAY—															
Gordon Castle - - -	107	29·802	46·2	34·2	40·2	+0·1	57	12th, 13th	25	20th	39·8	1·9	·208	85	
BANFF—†Banff - - -	64	29·850	45·6	35·8	40·7	...	57	10th	25	20th	40·8	2·2	·210	83	
ABERDEEN—															
Braemar - - -	1114	28·706	42·5	29·7	36·1	-0·2	56	12th	13	20th	36·4	1·6	·185	86	
†Balmoral - - -	927	28·905	45·8	29·2	37·5	+0·7	58	15th	11	20th	37·7	1·4	·199	88	
Logie Coldstone - - -	608	...	43·5	31·5	37·5	+0·1	57	13th, 14th	15	20th	...	...	...	...	
Loanhead - - -	747	29·087	44·0	31·6	37·8	+0·3	56	12th, 14th	17	20th	38·7	1·7	·202	86	
Aberdeen, King's Coll. - - -	88	29·820	45·3	35·4	40·4	+0·3	58	13th	26	20th	39·9	2·8	·192	78	
KINCARDINE—															
†Crathes - - -	145	29·751	47·5	32·9	40·2	+1·1	63	14th	21	20th	40·3	2·7	·197	79	
†Stonehaven - - -	86	...	49·0	34·3	41·7	...	65	14th	26	1st, 20th	...	...	...	...	
FORFAR—															
Montrose - - -	200	...	46·3	32·7	39·5	+0·2	62	14th	24	20th	...	...	...	...	
Arbroath - - -	70	29·858	48·1	34·4	41·3	+0·8	61	12th, 14th	25	19th, 20th	40·7	2·6	·202	80	
†Lednathie - - -	720	...	45·0	31·3	38·2	+1·2	61	14th	18	20th	...	...	...	...	
†Carnoustie - - -	39	...	47·5	33·6	40·6	...	63	14th	23	20th	...	...	...	...	
Dundee, E. Necropolis - - -	164	29·751	46·5	33·4	40·0	+0·4	60	14th	23	20th	38·6	1·4	·207	89	
†Dundee Harbour - - -	20	...	48·1	36·2	42·2	+0·9	61	14th	29	18th, 19th	...	...	...	...	
Balruddery - - -	276	...	47·1	32·0	39·6	-0·5	60	14th	21	19th, 20th	...	...	...	...	
†Kettins - - -	218	...	47·0	30·9	39·0	...	59	14th	13	19th	39·3	2·5	·192	81	
PERTH—															
Perth - - -	82	29·854	47·6	32·1	39·9	+0·1	61	14th	19	19th	38·9	2·4	·191	82	
Crieff - - -	436	29·469	47·8	32·2	40·0	-0·1	61	12th	25	1st, 29th	39·6	2·8	·190	78	
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...	
FIFE—															
†St. Andrews - - -	20	...	47·0	33·6	40·3	...	62	14th	24	19th, 20th, 29th	...	...	...	...	
†Cupar - - -	210	...	...	...	...	...	...	...	...	...	...	...	...	...	
†Colinsburgh - - -	147	...	47·6	33·9	40·8	+0·8	64	14th	26	20th	40·4	2·4	·203	81	
Lathallan - - -	522	29·366	45·3	32·5	38·9	...	61	14th	22	20th	37·9	1·8	·193	85	
†Kirkcaldy - - -	100	29·831	48·6	35·0	41·8	...	65	14th	27	19th	41·3	1·5	·229	89	
STIRLING—Buchlyvie - - -	125	29·814	48·5	32·4	40·5	+0·8	59	14th	22	28th	40·3	2·4	·202	81	
DUMBARTON—															
†Helensburgh - - -	18	...	48·8	33·8	41·3	+0·8	59	11th	23	19th, 29th	...	...	...	...	
†Kilmahew - - -	130	...	48·5	32·8	40·7	...	57	14th, 16th	22	19th, 27th, 28th	...	...	...	...	
†Dumbarton - - -	27	29·929	48·5	37·6	43·1	+2·0	56	11th, 14th, 16th	29	19th	41·1	1·8	·220	85	
ARGYLL—															
Ardtornish - - -	40	29·909	47·1	33·4	40·3	...	53	13th	22	27th	40·5	2·0	·212	84	
†Lochbuie - - -	20	...	47·5	35·1	41·3	+0·2	53	12th, 13th, 14th	25	29th	...	...	...	...	
†Oban - - -	20	...	46·6	34·9	40·8	-0·5	50	11th, 22nd, 23rd	25	19th, 28th, 29th	40·8	2·3	·209	82	
Poltalloch - - -	135	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ardnadam - - -	64	...	46·8	36·3	41·6	...	55	11th	25	28th	...	...	...	...	
BUTE—Rothesay - - -	160	29·779	46·1	35·6	40·9	+0·2	52	11th, 14th	27	18th	40·8	2·1	·212	84	
RENFREW—															
†Greenock - - -	238	29·698	46·6	34·5	40·6	+0·4	53	11th, 13th	26	18th, 19th	40·8	2·1	·212	84	
Paisley - - -	107	29·851	48·7	35·7	42·2	+1·9	59	14th	27	19th, 28th, 29th	41·6	2·3	·216	82	

\* At 7 a.m. and 9 p.m. † At 9 a.m. only. § At 7 a.m. and 6 p.m. ‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.									
						Number of Days with							Number of Observations at 9 a.m. and 9 p.m.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
		inch.	inch.	inch.																		
...	31	3.43	...	0.80	3rd	15	14	0	...	...	3	1	...	...	...	...	...	...	...	...	...	
7.3	29	3.54	...	1.14	3rd	15	2	1	0	10	5	1	19	5	0	2	7	5	5	17	2	
7.7	25	2.32	-0.49	0.34	3rd, 20th	8	4	1	0	16	4	0	15	5	1	3	4	4	19	8	3	
7.3	21	2.45	-0.88	0.50	20th	5	0	0	2	12	6	0	0	16	0	0	8	4	14	16	4	
8.0	23	2.05	-0.09	0.39	5th	11	2	0	0	13	2	0	9	9	0	3	4	4	17	14	2	
7.0	17	2.89	+0.52	0.50	6th	3	0	0	2	13	0	0	2	11	9	8	1	2	7	15	7	
6.8	17	1.89	...	0.52	17th	3	0	0	1	10	0	2	0	12	12	2	0	0	16	14	6	
6.7	19	2.14	-0.45	0.63	1st	7	1	0	0	12	0	0	2	6	9	1	1	13	14	5	11	
...	24	8.63	+0.78	2.46	4th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.8	26	4.13	+0.22	0.71	1st	5	1	0	0	16	2	1	12	11	0	3	5	7	13	10	1	
7.1	21	2.91	...	0.51	2nd, 23rd	7	3	0	1	14	1	0	8	8	2	3	3	8	17	11	2	
7.2	14	2.51	+0.54	0.74	1st	6	2	0	0	11	0	1	2	8	12	1	0	19	16	4	0	
8.0	15	1.63	-2.05	0.36	23rd	8	1	0	1	17	0	0	0	2	19	2	1	6	26	1	5	
7.3	15	5.30	-1.36	1.96	4th	6	1	0	3	15	11	0	0	1	12	5	4	0	18	4	3	
7.9	16	2.29	+0.29	0.76	2nd	7	0	0	0	17	0	0	5	14	2	0	2	9	15	5	10	
7.1	22	1.73	-0.10	0.43	17th	5	4	0	0	9	1	1	9	4	4	1	1	1	26	6	10	
7.6	23	3.47	+1.32	0.79	5th	7	1	0	0	12	0	0	3	2	3	5	4	14	10	21	0	
7.8	18	2.80	...	0.67	5th	8	3	0	0	16	0	0	6	13	3	1	6	4	12	14	3	
5.7	16	1.82	-0.83	0.54	23rd	12	0	0	0	5	0	0	4	6	8	6	0	32	2	4	0	
6.1	15	1.85	...	0.42	23rd	8	0	0	6	12	0	2	2	6	8	2	0	10	20	14	0	
...	16	1.83	...	0.38	17th	11	0	0	...	...	0	0	16	8	6	2	2	6	6	4	12	
8.0	20	2.00	-0.24	0.27	17th	11	0	0	5	13	0	0	4	1	1	5	0	4	12	27	8	
6.4	17	2.14	-0.19	0.51	16th	8	4	0	1	11	0	0	8	3	1	3	3	7	12	18	7	
7.1	17	1.57	...	0.54	17th	7	3	0	4	17	0	0	14	0	4	4	8	8	14	10	0	
...	18	1.75	...	0.23	18th	10	0	0	...	...	0	0	8	0	2	4	4	6	14	24	0	
...	11	1.22	-0.65	0.42	17th	5	4	0	...	...	2	0	26	0	2	0	12	2	16	4	0	
5.5	10	1.24	-0.50	0.38	17th	6	1	0	5	7	0	0	12	13	1	4	2	10	14	6	0	
...	10	1.73	-0.98	0.46	17th	6	0	0	...	...	0	0	6	14	4	2	2	10	10	14	0	
...	16	1.65	...	0.42	17th	3	0	0	...	...	0	0	16	2	3	4	4	2	28	3	0	
7.1	13	1.43	-0.45	0.38	17th	5	2	0	2	14	0	0	4	14	1	10	0	20	5	8	0	
...	12	1.90	...	0.53	9th	4	0	0	...	...	0	0	6	12	6	2	0	2	28	6	0	
...	9	1.19	...	0.24	23rd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
5.1	11	1.76	...	0.63	17th	3	1	0	10	11	1	0	14	8	2	0	0	0	24	6	8	
5.0	11	1.25	-1.09	0.30	17th	7	0	0	4	6	1	0	12	0	3	3	8	8	6	6	16	
5.7	10	1.59	-1.33	0.28	24th	2	0	0	2	6	0	0	9	20	11	0	0	0	12	10	0	
...	12	3.07	-3.09	0.95	5th	...	...	...	...	...	...	...	2	28	0	18	0	6	0	8	0	
...	9	1.51	...	0.38	24th	5	0	0	...	...	0	0	0	16	0	4	0	16	14	12	0	
...	15	1.54	-0.30	0.30	24th	5	4	0	...	...	0	0	14	6	8	2	0	2	10	20	0	
...	13	1.64	...	0.55	17th	4	0	0	...	...	0	0	18	4	7	3	0	4	18	8	0	
5.6	10	1.38	...	0.44	17th	8	0	0	4	8	0	1	9	6	4	4	2	14	8	15	0	
5.9	15	1.65	...	0.54	17th	8	0	0	5	10	0	0	...	...	...	...	...	...	...	...	...	
5.5	23	2.26	-1.38	0.35	3rd	6	1	0	4	7	3	0	0	10	7	1	1	13	19	4	7	
5.7	17	3.80	+0.31	0.96	4th	4	0	0	4	12	0	0	4	6	2	0	0	0	26	6	18	
...	14	2.57	...	0.64	4th	5	1	0	...	...	0	0	16	10	4	2	0	0	18	12	0	
...	18	2.67	-0.94	0.61	4th	2	1	0	...	...	1	0	20	4	4	2	2	0	4	20	6	
5.5	21	6.21	...	1.63	4th	2	3	0	4	7	0	0	1	7	18	4	2	9	15	6	0	
...	20	7.78	...	2.12	4th	1	1	0	...	...	0	0	12	10	0	6	4	12	10	8	0	
6.5	14	3.86	...	1.10	4th	1	0	0	3	12	0	0	8	3	16	1	0	7	6	19	2	
...	21	4.25	+0.57	1.22	4th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6.6	15	5.03	...	1.26	4th	4	1	0	3	13	1	1	7	12	4	0	2	8	7	19	3	
6.9	19	3.25	-0.13	0.82	4th	7	0	0	2	10	5	0	9	12	2	1	1	4	18	15	0	
6.6	14	3.91	-0.82	1.22	4th	7	2	0	0	8	0	0	6	8	0	6	0	4	16	22	0	
6.3	14	1.77	-0.98	0.39	4th	3	0	0	3	11	3	0	5	6	8	2	1	3	14	14	9	

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			Maximum.	Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
AYR—†Kilmarnock	feet.	inch.	°	°	°	°	°	°	°	°	°	°	°	inch.	%
Agricultural College	90	...	47·2	32·8	40·0	- 1·2	55	24th	18	28th	40·9	2·0	·215	88	
†Turnberry	97	29·876	46·7	36·0	41·4	+ 0·2	55	24th	25	28th, 29th	41·5	2·1	·219	88	
Benwhat	1177	...	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell	150	29·812	46·9	34·0	40·5	- 0·9	54	22nd	22	27th	40·3	1·5	·219	88	
LANARK—															
Glasgow, Belvidere	54	...	48·0	36·1	42·1	+ 1·0	56	6th, 14th	26	29th	...	...	...	...	
Glasgow Observatory	184	29·755	46·3	36·0	41·2	+ 0·7	54	14th	28	18th, 28th, 29th	40·5	2·0	·212	88	
*Glasgow, Springburn Park	355	29·566	46·1	33·3	39·7	...	55	16th	26	19th, 28th, 29th	38·2	1·7	·197	88	
†Thorntonhall	440	...	45·7	31·8	38·8	...	55	14th	19	28th	39·4	1·8	·206	88	
†Hamilton	140	...	47·4	32·3	39·9	...	57	14th	21	28th	39·8	2·0	·206	88	
†Dungavel	800	...	43·7	31·2	37·5	...	55	5th	20	19th	37·4	1·2	·200	99	
†Leadhills	1310	...	42·0	28·8	35·4	- 0·2	52	24th	17	27th	34·7	0·9	·184	92	
LINLITHGOW—															
Bangour	584	29·303	44·6	32·1	38·4	...	57	14th	23	20th	37·2	1·2	·198	8	
EDINBURGH—															
Edinburgh, Blackford	441	29·475	45·4	35·3	40·4	+ 0·5	58	14th	28	18th, 19th, 29th	39·6	2·3	·199	8	
†Edinburgh, Liberton	190	...	46·6	34·5	40·6	...	60	14th	27	20th, 28th	40·2	2·3	·203	88	
†Edinburgh, Univ.	227	...	46·6	35·9	41·3	...	60	14th	28	18th	40·1	2·3	·202	88	
†Leith	76	29·866	46·4	36·0	41·2	- 0·5	60	14th	29	18th	41·5	2·5	·211	88	
Dalkeith	190	...	47·4	33·3	40·4	- 0·2	60	14th	25	18th	...	...	...	...	
HADDINGTON—															
†Smeaton	100	...	46·1	34·0	40·1	- 0·9	59	14th	24	20th	...	...	...	...	
BERWICK—															
Marchmont	500	29·393	45·9	32·9	39·4	+ 0·5	60	14th	24	29th	38·8	2·0	·197	84	
Duns	500	...	46·0	33·1	39·5	+ 0·3	60	14th	25	20th, 28th, 29th	...	...	...	...	
PEEBLES—															
†West Linton	770	...	44·3	29·9	37·1	...	53	16th	21	29th	37·3	0·9	·205	99	
The Glen	750	...	46·1	31·8	39·0	+ 1·4	60	14th	18	29th	...	...	...	...	
ROXBURGH—															
†Kelso (Broomlands)	205	...	48·3	32·7	40·5	+ 0·8	65	14th	23	29th	38·7	1·8	·200	88	
Wolfelee	537	...	46·0	31·1	38·6	+ 0·1	59	14th	19	19th	38·4	1·6	·200	85	
DUMFRIES—															
Eskdalemuir	778	29·102	44·1	30·0	37·1	...	55	16th	21	29th	36·9	1·8	·185	85	
Drumlanrig	191	...	47·3	33·7	40·5	+ 0·8	54	14th, 16th	18	29th	...	...	...	...	
Dumfries	155	29·811	47·4	34·7	41·1	0·0	55	14th, 16th	26	29th	39·9	2·1	·205	88	
Comlongon	74	29·894	48·2	34·2	41·2	...	57	16th	24	19th, 27th, 30th	40·0	1·8	·211	86	
KIRKCUDBRIGHT—															
Cargen	85	29·878	48·5	34·2	41·4	+ 0·7	57	16th	25	31st	...	...	...	...	
Cally	120	...	48·5	32·6	40·6	- 0·1	60	14th, 16th	24	29th, 31st	40·9	2·3	·209	88	

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

MARCH 1915.	Total Observed.	Difference from Average.	Percentage of Possible.	MARCH 1915.	Total Observed.	Difference from Average.	Percentage of Possible.
	Hours.	Hours.	%		Hours.	Hours.	%
Baltasound	70	...	19	St Andrews	129	...	36
Deerness	88	- 16	24	Oban	99	...	27
Strathpeffer	77	- 14	21	Helensburgh	110	...	30
Stornoway	86	- 17	24	Cardross (Kilmahew)	124	...	34
Castlebay (Barra)	132	...	36	Rothsay	115	...	32
Fortrose	102	...	28	Paisley	120	+ 16	33
Inverness	...	...	...	Glasgow Observatory	112	+ 28	31
Fort-Augustus	86	+ 8	24	Do., Springburn Park	130	...	36
Nairn	97	...	27	Thorntonhall	109	...	30
Gordon Castle	93	...	26	Kilmarnock	105	...	29
Banff	90	...	25	Turnberry	122	...	34
Carrbridge	80	...	22	Edinburgh	111	0	31
Aberdeen (King's Col.)	111	- 7	31	West Linton	92	...	25
Crathes	106.	...	29	Marchmont	126	+ 18	35
Stonehaven	118	...	33	Duns	116	...	32
Carnoustie	148	...	41	Eskdalemuir	125	...	34
Balruddery	112	...	31	Dumfries	128	...	35
Perth	149	...	41	Comlongon	131	...	36



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
						Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW		Calm or Variable.
					Amount.	Day of Month.																	
6·8	12	1·80	inch.	inch.	0·40	4th	2	0	0	4	16	0	1	4	8	4	4	4	10	8	12	8	8
7·4	11	1·15	- 1·67	0·31	2nd	1	1	0	3	14	3	0	0	18	10	2	2	6	12	8	12	4	0
...	9	1·97	...	0·50	19th	...	...	...	...	...	...	...	...	10	4	12	0	12	0	10	14	0	0
6·4	17	2·16	- 0·98	0·65	2nd	2	1	0	6	14	4	0	0	10	4	14	4	0	2	8	16	4	4
...	15	1·09	- 1·34	0·22	17th	4	0	0	...	...	0	0	0	5	9	4	3	0	11	19	7	4	4
7·2	14	1·17	- 1·34	0·21	2nd, 4th	4	0	0	1	13	0	0	0	7	13	4	2	2	5	23	6	0	0
6·4	14	1·50	...	0·39	4th	7	0	0	0	9	0	1	1	5	11	8	1	3	10	21	2	1	1
6·8	14	1·38	...	0·22	4th, 24th	3	0	0	1	10	0	0	0	2	12	0	2	2	16	10	16	2	2
6·5	12	1·23	...	0·27	17th	3	0	0	0	11	0	0	0	0	0	14	12	4	8	2	22	0	0
...	14	2·82	...	0·50	4th	5	0	0	...	...	0	0	0	6	0	20	0	2	6	20	8	0	0
...	13	5·37	...	0·93	4th	7	0	0	...	...	0	0	0	16	0	4	0	14	0	2	4	22	0
6·4	19	1·83	...	0·47	17th	6	0	0	0	7	2	0	0	4	11	7	2	0	7	17	14	0	0
6·3	14	1·14	- 0·33	0·43	24th	5	2	0	1	8	1	1	1	6	6	6	1	2	11	23	4	3	3
6·8	14	1·51	...	0·57	24th	6	0	0	5	15	4	0	0	0	0	8	10	4	10	20	6	4	4
...	13	1·92	+ 0·20	0·63	17th	5	1	0	...	...	0	0	0	...	...	...	...	...	...	...	...	...	...
5·9	16	1·37	- 0·29	0·34	24th	5	3	0	9	13	0	0	0	6	6	10	2	0	8	24	6	0	0
5·9	13	1·18	...	0·43	24th	5	1	0	3	13	0	0	0	6	11	4	2	1	22	7	9	0	0
7·8	11	1·32	- 0·23	0·32	24th	1	0	0	3	18	0	0	0	0	14	6	10	0	10	6	16	0	0
5·9	14	2·13	- 0·27	0·47	27th	6	0	0	5	10	0	0	0	10	1	16	2	3	5	19	6	0	0
...	14	1·87	- 0·39	0·43	27th	4	0	0	...	...	0	0	0	3	19	0	2	6	19	5	8	0	0
6·7	17	3·03	...	0·55	4th	10	1	0	2	15	1	1	1	4	14	4	0	0	20	12	8	0	0
...	15	1·76	...	0·40	24th	11	0	0	...	...	0	0	0	31	0	0	0	3	1	26	1	0	0
6·1	21	1·98	+ 0·11	0·54	17th	6	0	0	2	4	0	0	0	2	2	18	0	2	24	8	6	0	0
6·3	20	2·78	- 0·27	0·57	18th	6	4	0	0	5	0	0	0	2	17	3	1	1	19	15	4	0	0
6·0	15	2·37	...	...	...	11	0	0	0	9	2	1	1	9	9	0	3	4	9	6	9	13	13
...	12	2·04	- 0·88	0·61	3rd	5	0	0	...	...	6	1	1	27	1	3	2	2	1	12	6	8	8
5·5	13	1·08	- 1·46	0·32	2nd	5	0	0	6	8	1	0	0	5	9	7	1	1	5	10	24	0	0
5·3	14	1·25	...	0·25	2nd	2	0	0	6	11	1	1	1	8	16	1	3	0	14	1	11	8	8
...	13	1·90	- 1·31	0·60	18th	5	0	0	...	...	1	0	0	1	17	5	2	2	13	9	13	0	0
...	12	2·29	- 1·42	0·84	2nd	2	0	0	...	...	0	0	0	8	20	0	7	0	13	0	14	0	0

EARTH TEMPERATURE.

MARCH 1915.				1 ft.	4 ft.	12 ft.
				°	°	°
Baltasound	-	-	-	37·9	...	...
Dunrobin	-	-	-	39·8	...	...
Inverness	-	-	-	38·7	...	...
Aberdeen	-	-	-	...	40·1	...
Crathes	-	-	-	37·7	38·4	...
Arbroath	-	-	-	35·9	...	...
St Andrews	-	-	-	39·2	40·3	...
Rothsay	-	-	-	40·6	42·1	...
Paisley	-	-	-	41·6	42·5	...
Edinburgh (University)	-	-	-	39·2	40·7	46·3
Smeaton	-	-	-	39·5	...	...
Dumfries	-	-	-	39·8	40·7	...

## LIST OF STATIONS AND OBSERVERS.

Station.	Observer.	Station.	Observer.
<b>SHETLAND—</b>		<b>DUMBARTON—</b>	
Baltasound - - -	T. Edmonston Saxby, L.R.C.S. Edin.	Helensburgh - - -	James N. Stirling, Water Trust.
Lerwick - - -	The Meteorological Office.	Dumbarton - - -	William Denny and Brothers.
<b>ORKNEY—</b>		Kilmahew - - -	Claud A. Allan.
Deerness - - -	M. Spence.	<b>ARGYLL—</b>	
Kirkwall - - -	A. G. Spence.	Arduadam - - -	Rev. J. Cairns Mitchell, B.D.
<b>CAITHNESS—</b>		Ardtornish - - -	R. Brooks, for G. Craig Sellar.
Wick - - -	The Meteorological Office.	Lochbuie - - -	E. Lovesey, for the MacLaine of Lochbuie.
<b>SUTHERLAND—</b>		Oban - - -	Edwin Bailey, M.D., M.O.H.
Dunrobin - - -	D. Melville, for the Duke of Sutherland.	Poltalloch - - -	D. S. Melville, for Colonel Malcolm.
<b>ROSS AND CROMARTY—</b>		<b>BUTE—</b>	
Fortrose - - -	Archd. Thom.	Rothsay - - -	J. Davidson, for John Reid, Ardencraig.
Strathpeffer - - -	N. M'Lean, for Dr. H. W. Kaye.	<b>RENFREW—</b>	
Glencarron - - -	D. D. Munro.	Greenock - - -	D. Macalister, C.E., Water Trust.
Stornoway - - -	The Meteorological Office.	Paisley - - -	The Coats Observatory.
<b>INVERNESS—</b>		<b>AYR—</b>	
Castlebay (Barra) - -	The Meteorological Office.	Kilmarnock (Agri- cultural College)	Prof. Berry.
Inverness - - -	W. G. MacConnachie, M.A.	Turnberry - - -	J. Richards.
Fort Augustus - - -	Rev. Cyril von Dieckhoff, O.S.B.	Benwhat - - -	A. Gillespie, C.E.
Fort William - - -	W. T. Kilgour.	Colmonell - - -	Andrew Ogg, for J. W. M'Connell of Knockdolian.
Kingussie - - -	W. de Watteville, M.D.	<b>LANARK—</b>	
<b>NAIRN—</b>		Glasgow (Belvidere Hospital)	Alex. Johnston, M.D.
Nairn - - -	The Meteorological Office.	Glasgow (The Obser- vatory)	Prof. L. Becker, Ph.D., F.R.S.E.
<b>BANFF—</b>		Glasgow (Springburn Park)	The Meteorological Office.
Banff - - -	A. J. Leigh, B.Sc. for Dr. E. I. Spriggs.	Thorntonhall - - -	A. Henderson Bishop.
<b>ELGIN OR MORAY—</b>		Hamilton - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
Gordon Castle - - -	C. Webster, for the Duke of Richmond and Gordon, K.G.	Dungavel - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
<b>ABERDEEN—</b>		Leadhills - - -	J. M'Farlane, J.P.
Braemar - - -	A. M. Shirran.	<b>LINLITHGOW—</b>	
Balmoral - - -	J. Michie, M.V.O., and J.M. Troup.	Bangour Village - -	D. Hendry, for John Keay, M.D.
Logie Coldstone - -	J. B. Anderson, The School- house.	<b>EDINBURGH—</b>	
Loanhead - - -	A. Farquharson.	Edinburgh (Blackford)	Prof. R. A. Sampson, F.R.S.
Aberdeen (King's Coll.)	The Meteorological Office.	Edinburgh (Liberton)-	J. Harris, for Coll. of Agri- culture.
<b>KINCARDINE—</b>		Edinburgh (University)	Prof. T. Hudson Beare, F.R.S.E.
Crathes - - -	J. Smith, J.P.	Leith - - -	J. Bolam.
<b>FORFAR—</b>		Dalkeith - - -	J. Whytock, for the Duke of Buccleuch, K.G.
Stonehaven - - -	J. Hart.	<b>HADDINGTON—</b>	
Montrose (Royal Asylum)	J. Masson.	Smeaton - - -	Sir A. Buchan-Hepburn, Bart.
Arbroath - - -	J. Campbell, for the Natural History Association.	<b>BERWICK—</b>	
Lednathie - - -	W. G. Lindsay, for P. Stor- month Darling.	Marchmont - - -	J. A. Wood.
Carnoustie - - -	D. Maxwell, C.E.	Duns - - -	P. Smith, for F. S. Hay.
Dundee (Eastern Necropolis)	J. Carnochan, Curator of Parks.	<b>PEEBLES—</b>	
Dundee Harbour - -	J. H. Thompson, F.R.S.E.	West Linton - - -	Dr. J. Ritchie Jeffrey.
Balruddery - - -	G. Davie, for J. Martin White.	The Glen - - -	Alex. Black, for Lord Glen- conner.
Kettins - - -	W. Andrew, The Schoolhouse.	<b>ROXBURGH—</b>	
<b>PERTH—</b>		Kelso (Broomlands) -	J. C. Scott.
Perth - - -	Henry Coates, F.R.S.E., The Museum.	Wolfelee - - -	W. Steedman, for Sir Robert Laidlaw.
Crieff - - -	Dr Meikle and G. Reid.	<b>DUMFRIES—</b>	
Stronvar - - -	G. Dickson, for J. Carnegie.	Eskdalemuir - - -	The Meteorological Office.
<b>FIFE—</b>		Drumlanrig - - -	D. Inglis, for the Duke of Buccleuch, K.G.
St Andrews - - -	W. Watson.	Dumfries - - -	C. C. Easterbrook, M.D., and E. Joss.
Cupar - - -	The Medical Superintendent, Fife and Kinross Asylum.	Comlongon - - -	A. H. Johnstone-Douglas.
Colinsburgh - - -	Rev. Robert Dick.	<b>KIRKCUDBRIGHT—</b>	
Lathallan - - -	Dr W. H. Bryce.	Cargen - - -	Colonel R. F. Dudgeon.
Kirkcaldy - - -	Rev. J. S. Begg.	Cally - - -	W. Thomson, for Colonel F. Murray Baillie.
<b>STIRLING—</b>			
Buchlyvie - - -	Rev. J. A. Macdonald.		



QUARTERLY RETURN  
OF THE  
BIRTHS, DEATHS, AND MARRIAGES  
REGISTERED IN THE  
DIVISIONS, COUNTIES, AND PUBLIC HEALTH DISTRICTS  
OF  
SCOTLAND.

---

QUARTER ENDING 30th JUNE 1915.

---

Published by Authority of the Registrar-General.

CCXLII.

EDINBURGH:  
PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE  
BY J. SKINNER & CO., LTD., THISTLE STREET.  
To be purchased from  
H.M. STATIONERY OFFICE (SCOTTISH BRANCH), 23 FORTH STREET, EDINBURGH

---

1915.

# REPORT.

---

## REPORT ON THE BIRTHS, DEATHS AND MARRIAGES REGISTERED IN SCOTLAND DURING THE QUARTER ENDING 30TH JUNE 1915.

### BIRTHS.

The births of 30,809 living children were registered during the second quarter of the year 1915. These births are 199 fewer than registered during the previous quarter, and 2193 fewer than registered in the second quarter of last year. They are 2027 less than the mean of the numbers registered in the second quarters of the preceding five years, and 3132 less than the mean of the numbers registered in the second quarters of the preceding ten years. The births of the quarter are fewer than those of all second quarters since 1872. They are 5568 fewer than those of the second quarter of 1903, in which year the births of the second quarter attained a maximum.

The Scottish quarterly birth-rate is 25·8 per thousand, which is 0·5 less than that of the previous quarter, and 2·2 less than that of the corresponding quarter of last year. It is 2·0 less than the mean of the birth-rates of the second quarters of the five preceding years, and 3·2 less than the mean of those of the ten preceding years.

Of the 30,809 children registered, 15,625 were male, and 15,184 female, the ratio of male to female births being 103·0 to 100, which ratio is 4·4 below that for the previous quarter, but 0·6 above that for the corresponding quarter of last year.

In the Divisions of the Counties the quarterly birth-rate ranged from 28·8 in the South-Western, and 26·7 in the West-Midland, to 17·8 in the North-Western, and 19·1 in the Northern. In the North-Eastern this rate was 24·8; in the East-Midland, 23·4; in the South-Eastern, 23·2; and in the Southern, 21·9.

In the counties, burghs included, the quarterly birth-rate ranged from 34·2 in Linlithgow, 30·7 in Dumbarton, 29·2 in Lanark, and 28·0 in Ayr and in Stirling, to 14·4 in Bute, 14·4 in Orkney, 15·7 in Ross and Cromarty, and 15·8 in Selkirk. In 2 counties this rate was more than 30 per thousand; in 9, more than 25 but less than 30; and in 11, more than 20 but less than 25; while in 11 it was less than 20.

In the larger burghs, *i.e.*, those with populations exceeding 30,000, the collective quarterly birth-rate was 26·0 per thousand, which is 0·7 less than that of the previous quarter, and 2·3 less than in the second quarter of last year. In these burghs taken individually the birth-rate of the quarter ranged from 33·9 in Clydebank, 32·8 in Hamilton, 30·5 in Greenock, and 30·0 in Coatbridge, to 18·7 in Perth, 19·1 in Edinburgh, 21·6 in Kirkcaldy, and 22·8 in Dundee. In Ayr this rate was 23·8; in Aberdeen, 24·1; in Kilmarnock, 26·0; in Leith, 26·7; in Paisley and in Falkirk, 27·2; in Glasgow, 28·1; and in Motherwell, 28·2.

In the smaller burghs, those with populations of less than 30,000, the collective quarterly birth-rate was 25·3 per thousand, which is 0·7 less than that of the previous quarter, and 2·1 less than that of the second quarter of last year. In those of the smaller burghs which have populations of over 10,000 the quarterly birth-rate ranged from 35·4 in Peterhead, 34·9 in Dumbarton, 34·6 in Borrowstounness, and 32·7 in



TABLE I.—BIRTHS, ILLEGITIMATE BIRTHS, DEATHS, and MARRIAGES in SCOTLAND, and in the Divisions of the Counties during the Quarter ending 30th June 1915, with relative rates ; also Infantile Mortality.

	POPULATION.		TOTAL BIRTHS.		ILLEGITIMATE BIRTHS.		DEATHS.		MARRIAGES.		DEATHS OF CHILDREN OF UNDER ONE YEAR.	
	Census 1911.	Estimated to middle of 1915.	Number.	Rate per 1000 of Pop.	Number.	Per cent. of Total Births.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 Births.
SCOTLAND,.....	4760904	4780900	36809	25·8	2159	7·0	*20414	17·1	9244	7·8	3543	115
LARGER BURGHS	2245735	2345500	15205	26·0	987	6·5	10687	18·3	5728	9·8	2061	136
SMALLER BURGHS	954090	932200	5884	25·3	401	6·8	3921	16·9	1712	7·4	585	99
COUNTY DISTRICTS	1561079	1503200	9720	25·9	771	7·9	5687	15·2	1804	4·8	897	92
Northern Division,	105997	98100	467	19·1	43	9·2	502	20·5	108	4·4	42	90
North-Western Do.	164636	153400	682	17·8	62	9·1	743	19·4	174	4·5	85	125
North-Eastern Do.	467333	450300	2786	24·8	350	12·6	1958	17·4	913	8·1	364	131
East-Midland Do.	712146	704000	4114	23·4	292	7·1	2875	16·4	1180	6·7	490	119
West-Midland Do.	386312	382400	2547	26·7	134	5·3	1461	15·3	571	6·0	227	89
South-Western Do.	2033521	2108700	15156	28·8	872	5·8	9232	17·6	4363	8·3	1840	121
South-Eastern Do.	700577	705100	4080	23·2	305	7·5	2734	15·6	1597	9·1	417	102
Southern Do.	190382	178900	977	21·9	101	10·3	790	17·7	338	7·6	78	80

\* Including 119 unallocated deaths. (See page 34.)

Cowdenbeath and in Port-Glasgow, to 16·5 in Galashiels, 17·6 in Forfar, 19·0 in Hawick, and 19·6 in Montrose.

In the county, or extraburghal, public health districts the collective quarterly birth-rate was 25·9 per thousand, which is 0·1 less than in the previous quarter, and 2·0 less than in the second quarter of last year. In those county districts which have censal populations of over 10,000, the quarterly birth-rate ranged from 37·1 in Bathgate District of Linlithgow, 35·3 in Middle Ward District of Lanark, 34·5 in Ayr District of Ayr, and 33·2 in Kirkcaldy District of Fife, to 13·9 in Mainland District of Shetland, 15·6 in Lews District of Ross and Cromarty, 16·8 in St. Andrews District of Fife, and 16·9 in County District of Sutherland.

Of the 30,809 children registered, 28,650, or 93·0 per cent., were legitimate, while 2159, or 7·0 per cent., were illegitimate. The legitimate children of the quarter number 132 less than those of the previous quarter, and 2008 fewer than those of the second quarter of last year. The illegitimate children of the quarter number 67 less than those of the previous quarter, and 185 less than those of the second quarter of last year. The illegitimate rate of the quarter is 0·2 less than that of the previous quarter, and 0·1 less than that of the second quarter of last year.

The collective illegitimate rate in the larger burghs was 6·5 per cent.; in the smaller burghs, 6·8; and in the county districts, 7·9. Compared with the rates of the previous quarter that of the larger burghs is 0·2 more, that of the smaller burghs 0·4 less, and that of the county districts is 0·7 less.

In the counties, burghs included, the quarterly illegitimate rate ranged from 17·0 in Selkirk, 14·6 in Elgin, 14·0 in Kinross, and 12·6 in Aberdeen, to 1·9 in Orkney, 3·3 in Dumbarton, 4·0 in Renfrew, and 4·9 in Bute.

In 15 counties this rate was more than 10 per cent.; in 14, more than 5 but less than 10 per cent.; and in 4, less than 5 per cent.

In the larger burghs taken individually this rate ranged from 11·1 in Ayr, 10·1 in Aberdeen, 9·7 in Perth, and 8·9 in Edinburgh, to 2·1 in Coatbridge, 2·7 in Clydebank, and 2·9 in Kilmarnock. In Hamilton this rate was 7·0 per cent.; in Glasgow, 6·5; in Dundee, 6·0; in Leith, 5·2; in Kirkcaldy, 5·0; in Greenock, 4·7; in Paisley, 4·7; in Motherwell, 3·4; and in Falkirk, 3·4.

In burghs with population of between 10,000 and 30,000, the illegitimate rate of the quarter ranged from 19·0 in Galashiels, 13·2 in Arbroath, 12·5 in Montrose, and 11·4 in Forfar, to 1·4 in Grangemouth, 1·6 in Musselburgh, 1·7 in Rutherglen, and 2·1 in Renfrew.

In the county districts with populations of more than 10,000, the illegitimate rate ranged from 21·3 per cent. in Deeside District of Aberdeen, 18·6 in Easter-Ross District of Ross and Cromarty; 17·8 in County District of Elgin, and 17·7 in Highland District of Perth, to 2·5 in Upper District of Renfrew, 2·8 in Lower Ward District of Lanark, 3·4 in Western District of Dumbarton, 3·6 in Skye District of Inverness, and 3·6 in Lower District of Renfrew.

The monthly birth-rate in Scotland was 27·2 in April, 25·5 in May, and 24·8 in June.

The birth-rate of the quarter in England and Wales was 22·9 per thousand, which is 2·9 less than in Scotland.

### MARRIAGES.

Marriages registered in Scotland during the quarter numbered 9244. They are 1251 more than registered in the previous quarter, and 153 more than registered in the second quarter of last year. They are 784 more than the mean of the numbers registered in the preceding five years, and 744 more than the mean of those registered in the preceding ten years. It is the largest number of marriages ever registered in Scotland in any quarter, with the exception of the third quarter of last year, since the institution of national registration, and that is since 1855.

The quarterly marriage-rate was 7·8 per thousand, which is 1·0 more than that of the previous quarter, and 0·1 more than that of the second quarter of last year. It is 0·6 more than the mean of the marriage-rates of the five preceding years, and 0·5 more than the mean of those of the preceding ten years.

In the divisions of the counties the marriage-rate of the quarter ranged from 9·1 in the South-Eastern, 8·3 in the South-Western, and 8·1 in the North-Eastern, to 4·4 in the Northern, and 4·5 in the North-Western. In the Southern, this rate was 7·6; in the East-Midland, 6·7; and in West-Midland, 6·0.

In the counties, burghs included, this rate ranged from 10·2 in Midlothian, 9·1 in Aberdeen, 9·0 in Dumfries, and 9·0 in Lanark, to 2·2 in Kinross, 3·2 in Shetland, 4·0 in Argyll, and 4·0 in Ross and Cromarty.

In the larger burghs taken collectively the marriage-rate of the quarter was 9·8; in the smaller burghs, 7·4; and in the county, or extra-burghal districts, 4·8. Compared with the rates of the corresponding quarter of last year, that of the larger burghs is 0·5 above, that of the smaller burghs is the same, but that of the county districts is 0·7 below.

In the larger burghs taken individually the marriage-rate varied from 12·6 in Perth, 12·1 in Edinburgh, 11·5 in Aberdeen, and 10·4 in Glasgow,



TABLE II. — Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1905 to 1915 inclusive.

	1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915	
	No	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.	No.	Per 1000of Pop.
FIRST QUARTER.																						
Births, .....	32004	28·3	32976	29·0	31508	27·5	32503	27·9	32373	27·9	30422	26·1	30710	26·1	30272	25·6	29838	25·6	30653	26·3	31008	26·3
Deaths, .....	20820	18·4	20488	18·9	22635	19·8	23997	20·6	21469	18·5	20805	17·7	19343	16·9	20671	17·5	21270	18·2	20658	17·7	24981	21·2
Marriages, .....	6867	6·1	7302	6·4	7268	6·3	7591	6·5	7111	6·1	7317	6·3	6758	5·8	6994	5·9	7844	6·7	8630	7·4	7993	6·8
Mean Temperat.	40°·2		37°·9		39°·0		38°·8		37°·9		38°·7		39°·4		39°·4		38°·9		39°·8		38°·2	
SECOND QUARTER.																						
Births, .....	35476	31·0	34960	30·4	34511	29·8	35611	30·5	34671	29·6	33812	28·6	32935	27·7	32221	27·3	32211	27·3	33002	28·0	30809	25·8
Deaths, .....	18763	16·4	19306	16·8	20119	17·4	19499	16·7	18478	15·8	18593	15·8	18027	15·2	17728	15·0	18147	15·4	18165	15·4	20414	17·1
Marriages, .....	8153	7·1	8699	7·6	8364	7·7	8813	7·6	8171	7·0	7928	6·7	8567	7·2	8209	7·0	8503	7·2	9091	7·7	9244	7·8
Mean Temperat.	49°·2		48°·7		47°·4		48°·9		48°·6		48°·7		50°·3		49°·8		49°·1		50°·5		48°·8	
THIRD QUARTER.																						
Births, .....	33044	28·6	32109	27·6	31427	26·8	32612	27·7	31186	26·3	30061	25·2	29653	24·7	30166	25·3	29489	24·7	30342	25·5		
Deaths, .....	16412	14·2	16439	14·1	15721	13·4	16325	13·9	14964	12·6	15331	12·8	16138	13·4	15219	12·8	16192	13·6	16222	13·6		
Marriages, .....	8178	7·1	8576	7·4	8994	7·7	8044	6·8	7777	6·6	7975	6·7	8434	7·0	8778	7·4	9028	7·6	9357	7·9		
Mean Temperat.	55°·6		56°·0		54°·2		55°·2		54°·5		55°·1		57°·1		53°·1		55°·6		56°·4			
FOURTH QUARTER.																						
Births, .....	30857	26·7	31875	27·4	31343	26·8	30611	26·0	30352	25·6	29705	24·9	28513	23·7	30057	25·2	29011	24·3	29926	25·1		
Deaths, .....	18531	16·0	19352	16·6	18792	16·0	18018	15·3	19683	16·6	17716	14·8	17718	14·8	18719	15·7	17464	14·6	18503	15·5		
Marriages, .....	8045	7·0	8546	7·3	8134	6·9	7135	6·1	7033	5·9	7646	6·4	8052	6·7	8529	7·1	8314	7	7973	6·7		
Mean Temperat.	41°·9		43°·2		42°·5		45°·3		40°·7		42°·3		42°·3		42°·4		44°·3		42°·8			
YEAR.																						
Population ....	4,592,036		4,620,720		4,649,586		4,678,629		4,707,858		4,737,268		4,749,673		4,741,077		4,728,132		4,747,167			
Births, ....	131381	28·6	131920	28·5	128789	27·7	131337	28·1	128582	27·3	124000	26·2	121811	25·6	122716	25·9	120549	25·5	123923	26·1		
Deaths, ....	74526	16·2	75585	16·4	77267	16·6	77839	16·6	74594	15·8	72245	15·3	71726	15·1	72337	15·3	73073	15·5	73548	15·5		
Marriages, ....	31243	6·8	33123	7·2	33260	7·2	31533	6·8	30092	6·4	30866	6·5	31811	6·7	32510	6·9	33689	7·1	35051	7·4		

to 5·3 in Coatbridge, 5·3 in Clydebank, 5·5 in Motherwell, and 6·1 in Paisley.

The monthly marriage-rate in Scotland was 7·3 in April, 4·6 in May, and 11·5 in June.

### DEATHS.

Deaths registered in Scotland during the quarter numbered 20,414. They are 4567 fewer than registered in the previous quarter, but 2249 more than registered in the second quarter of last year. They are 2282 more than the mean of the numbers registered in the second quarters of the preceding five years, and 1731 more than the mean of those registered in the second quarters of the preceding ten years. It is the largest number of deaths registered in any second quarter since 1902.

The Scottish quarterly death-rate was 17·1 per thousand, which is 4·1 less than that of the previous quarter, but 1·7 more than that of the second quarter of last year. It is 1·7 more than the mean of the death-rates of the second quarters of the preceding five years, and 1·1 more than that of the preceding ten years.

In the Divisions of the Counties the death-rate ranged from 20·5 in the Northern, 19·4 in the North-Western, and 17·7 in the Southern, to 15·3 in the West-Midland, 15·6 in the South-Eastern, and 16·4 in the East-Midland. In the South-Western division the death-rate was 17·6; and in the North-Eastern, 17·4.

In the larger burghs taken collectively the quarterly death-rate was 18·3; in the smaller burghs, 16·9; and in the county, or extra-burghal districts, 15·2. Compared with the corresponding death-rate of the second quarter of last year, that of the larger burghs is 2·7 more, that of the smaller burghs is 0·9 more, and that of the county districts is 0·5 more.

In the counties, burghs included, the death-rate of the quarter ranged from 21·9 per thousand in Orkney, 21·7 in Ross and Cromarty, 20·7 in Sutherland, and 20·1 in Shetland, to 13·1 in Kinross, 13·5 in Linlithgow, 14·0 in Kincardine, and 14·1 in Haddington and in Peebles. In six counties this rate was more than 20 per thousand; in 18, more than 15 but less than 20; and in 9, more than 10 but less than 15.

In the larger burghs taken individually the death-rate of the quarter varied from 19·8 in Glasgow, 19·5 in Dundee, 19·3 in Greenock, and 19·2 in Aberdeen, to 13·4 in Clydebank, 14·0 in Kirkcaldy, 14·6 in Motherwell, and 15·2 in Falkirk. In Perth the quarterly death-rate was 17·4; in Leith, 17·1; in Ayr, 16·4; in Edinburgh 16·3; in Hamilton, 16·1; in Paisley, 15·5; in Kilmarnock, 15·4; and in Coatbridge, 15·3.

In the smaller burghs with populations of more than 10,000 the quarterly death-rate ranged from 22·1 in Inverness, 22·0 in Irvine, 20·2 in Arbroath, and 19·6 in Montrose, to 11·1 in Cowdenbeath, 11·8 in Grangemouth, 12·1 in Fraserburgh, and 12·8 in Buckhaven Methil and Innerleven.

In the county or extraburghal districts with populations of more than 10,000 this rate varied from 30·4 in Easter-Ross District of Ross and Cromarty, 20·9 in County District of Sutherland, 20·8 in Mid-Ross District of Ross and Cromarty, 20·8 in Annan District of Dumfries, 20·5 in Central District of Perth, and 20·4 in Mainland District of Shetland, to 10·8 in Suburban District of Midlothian, 11·3 in Linlithgow District of Linlithgow, 11·6 in Central District of Stirling, and 12·0 in Kirkcaldy District of Fife and in Western District of Haddington.

All figures relative to the numbers of deaths and to death-rates



given in the text of this report are corrected for deaths of non-residents registered in the counties, burghs or districts, and for those of residents of those places registered in Scotland but outwith them.

The quarterly death-rate in England and Wales was 14·9 per thousand, which is 2·2 less than in Scotland.

### AGES OF THOSE DYING.

Of the 20,414 persons whose deaths were registered during the quarter, 6086, or 29·8 per cent., were children of less than five years old, 8468, or 41·5 per cent., were persons aged between five and sixty-five, and 5855, or 28·7 per cent. were persons of over sixty-five. Deaths of children of less than five years old are 1654 fewer than in the previous quarter, but 1235 more than in the second quarter of last year. Deaths of persons of between five and sixty-five are 1022 fewer than in the previous quarter, but 615 more than in the second quarter of last year. Deaths of persons of over sixty-five are 1887 fewer than in the previous quarter, but 395 more than in the second quarter of last year.

Deaths of children of less than one year old numbered 3543. They are 1299 fewer than in the previous quarter, but 488 more than in the second quarter of last year. The infantile mortality rate is 115 per thousand registered births, which is 41 less than that of the previous quarter, but 22 more than that of the corresponding quarter of last year.

In the divisions of the counties, the infantile mortality rate of the quarter ranged from 131 in the North-Eastern, 125 in the North-Western and 121 in the South-Western, to 80 in the Southern, 89 in the West-Midland, and 90 in the Northern. In the East-Midland this rate was 119, and in the South-Eastern, 102.

In the counties the infantile mortality rate of the quarter ranged from 163 in Elgin, 157 in Ross and Cromarty, 145 in Forfar, 143 in Nairn, and 133 in Aberdeen, to 38 in Peebles, 46 in Roxburgh, 47 in Kinross, and 49 in Bute. In four counties this rate was more than 140, in 5 between 120 and 140; in 7 between 100 and 120; and in 17 it was less than 100.

In the larger burghs taken collectively this rate was 136; in the smaller burghs, 99; and in the county, or extraburghal districts, 92. Compared with the rates of the previous quarters that of the larger burghs is 33 less; of the smaller burghs 65 less; and of the county districts 39 less. Compared with those of the second quarter of last year that of the larger burghs is 4 more, and that of the county districts is 12 more, but that of the smaller burghs is 13 less.

In the larger burghs taken individually the infantile mortality rate ranged from 173 in Dundee, 171 in Aberdeen, and 144 in Glasgow, to 79 in Paisley, 90 in Ayr, and 98 in Hamilton. In Kilmarnock this rate was 130; in Greenock, 128; in Falkirk, 124; in Edinburgh, 122; in Perth, 121; in Leith, 112; in Kirkcaldy, 109; in Coatbridge, 106; in Motherwell, 106; and in Clydebank, 103.

In the smaller burghs with populations of more than 10,000 this rate varied from 172 in Dumfries, 140 in Buckhaven Methil and Innerleven, 133 in Alloa, 132 in Inverness, and 130 in Barrhead, to 43 in Grange-mouth, 48 in Musselburgh, 63 in Fraserburgh, 66 in Airdrie, 67 in Hawick, and 68 in Forfar.

In the county districts with populations of more than 10,000 this rate ranged from 233 in Easter-Ross District of Ross and Cromarty, 186 in County District of Elgin, 153 in Lower Ward District of Lanark, 146 in

Lews District of Ross and Cromarty, and 145 in St. Andrews District of Fife, to 17 in Mainland District of Shetland, 37 in Garioch District of Aberdeen, 42 in Lorn District of Argyll, and 48 in Lower District of Renfrew.

The infantile mortality rate of the quarter in England and Wales was 97, which is 18 less than in Scotland.

### CAUSES OF DEATH.

Of the 20,414 deaths registered during the quarter 2538, or 12·43 per cent., were ascribed to one or other of the principal epidemic diseases, and included 24 from enteric fever, 882 from measles, 172 from scarlet fever, 1007 from whooping-cough, 149 from diphtheria, and 304 from the diarrhœas of childhood. These deaths collectively are 44 fewer than in the previous quarter, but 1046 more than in the second quarter of last year. They are equal to an annual death-rate from these causes of 2·13 per thousand, which is 0·06 less than in the previous quarter, but 0·86 more than in the second quarter of last year. Compared with the returns of the previous quarter deaths from whooping-cough are 464 fewer, from diphtheria 105 fewer, from scarlet fever 65 fewer, and from enteric fever 34 fewer, but those from the diarrhœas of childhood are 25 more, and from measles 599 more. The quarterly death-rate from enteric fever was 2 per 100,000; from measles, 74; from scarlet fever, 14; from whooping-cough, 84; from diphtheria, 13; and from the diarrhœas of childhood, 26.

In the larger burghs the quarterly epidemic diseases death-rate ranged from 4·2 per thousand in Aberdeen, 4·0 in Glasgow, 3·4 in Dundee, and 3·1 in Clydebank, to 1·1 in Coatbridge, 1·5 in Perth, and 1·5 in Kilmarnock. In Falkirk this rate was 2·9; in Hamilton, 2·5; in Leith, 1·8; in Paisley, 1·8; in Motherwell, 1·7; in Ayr, 1·7; in Greenock, 1·6; in Edinburgh, 1·6; and in Kirkcaldy, 1·6.

Relatively high death-rates from epidemic diseases occurred in the following smaller burghs, namely, Wishaw, 3·8; Alloa, 3·5; Dumfries, 3·4; Rutherglen, 2·9; Barrhead, 2·5; and Musselburgh, 2·4. In Easter-Ross District of Ross and Cromarty this rate was 3·8; in Bathgate District of Linlithgow, 3·3; in County District of Clackmannan, 3·0; in Eastern District of Dumbarton, 2·7; in Northern District of Ayr, 2·1; in Kilmarnock District of Ayr, 2·0; and in Middle Ward District of Lanark, 2·0.

Deaths from infectious diseases other than included among the principal epidemic diseases included 1 from typhus fever, 1 from dysentery, 1 from malaria, and 42 from erysipelas. Deaths from influenza (uncomplicated) numbered 132, and from cerebro-spinal meningitis 128.

Deaths from all forms of tuberculous disease numbered 2235, and constituted 10·95 per cent. of the total deaths of the quarter. They are 159 more than in the previous quarter, and 32 more than in the second quarter of last year. They are equal to an annual death-rate of 188 per 100,000, which is 12 more than in the previous quarter, and 1 more than in the second quarter of last year. These deaths include 1467 from phthisis, 332 from tuberculous meningitis, 214 from abdominal tuberculosis, and 222 from other forms of tuberculous disease. The phthisis deaths of the quarter are 16 more than those of the previous quarter, and 101 more than that of the corresponding quarter of last year. The quarterly phthisis death-rate was 123 per 100,000, which is the same as in the previous quarter, but 7 more than in the second quarter of last year.

Deaths from malignant disease numbered 1272, and the equivalent



annual death-rate is 107 per 100,000. These deaths are 18 more than in the previous quarter, but 67 fewer than in the second quarter of last year.

Deaths from apoplexy numbered 1180, and from heart disease, 1842, the quarterly death-rate from the former being 99 per 100,000, and from the latter 155.

Deaths from pneumonia numbered 1725, and from bronchitis 1236, the quarterly death-rate from the former being 145 per 100,000, and from the latter 104. The deaths from pneumonia are 1158 fewer than in the previous quarter, but 261 more than in the second quarter of last year. Those from bronchitis are 1514 fewer than in the previous quarter, but 209 more than in the second quarter of last year.

Deaths from diseases and accidents of pregnancy and childbirth numbered 157, and among others included 54 from puerperal sepsis, 28 from puerperal albuminuria and convulsions, and 18 from puerperal hæmorrhage. Births during the quarter numbered 30,809, and thus these deaths are equal to a death-rate of 5·1 per thousand registered births, which rate is 1·4 less than that of the previous quarter, and 0·5 less than that of the second quarter of last year.

Deaths attributed to violent causes numbered 839, constituted 4·11 per cent. of the total deaths of the quarter, and are equal to an annual death-rate of 70 per 100,000. These deaths number 35 fewer than in the previous quarter, but 58 more than in the second quarter of last year. Of these deaths 65 were attributed to suicide, 6 to homicide, 27 to war injuries, and 741 to accidents.

Deaths from ill-defined causes numbered 539, and, among others, included 246 from heart failure, 61 from syncope, 9 from dropsy, and 3 from teething. In 162 instances the cause of death was unstated or merely stated as Natural Causes.

### WEATHER.

The Meteorological Returns, which appear in the Registrar-General's Monthly Reports, and which refer more particularly to observations made in eight of the larger burghs, show that *April* was characterised by a slightly high mean pressure; a slightly high mean temperature, with a mean daily range equal to the normal; a slightly low mean rainfall; and a considerable excess of winds from between S.W. and N.W. *May* was characterised by an abnormally high mean pressure; a low mean temperature, with a high mean daily range; a very low mean rainfall; and a very large excess of winds from an easterly quarter. *June* was characterised by a high mean pressure; a slightly high mean temperature, with a high mean daily range; a low mean rainfall; and a very large excess of winds from an easterly quarter.

Observations made *throughout Scotland* show that the mean height of the barometric column, reduced to sea-level and 32° Fahr., was 29·924 inches in April, 30·095 inches in May, and 30·030 inches in June. The mean temperature was 48°·8, being 0°·3 below the average mean temperature for the corresponding quarter of the last ten years. The mean temperature in April was 44°·5, in May 47°·4, and in June 54°·5. The absolutely highest temperature recorded in April was 73°, in May 80°, and in June 81°. The absolutely lowest temperature recorded in April was 21°, in May 20°, and in June 27°. The mean number of days on which rain fell was 18 in April, 10 in May, and 8 in June. The mean amount collected was 2·60 inches in April, 1·22 inch in May, and 1·49 inch in June.

TABLE A.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF THE COUNTIES OF SCOTLAND  
DURING THE QUARTER ENDING 30TH JUNE 1915.

COUNTIES.	Estimated Population Middle of 1915	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
SCOTLAND . . . . .	4,780,900	25·8	7·8	17·1	2·1	7·0	115
Aberdeen . . . . .	303,600	24·8	9·1	17·3	2·7	12·6	133
Argyll . . . . .	63,500	17·9	4·0	18·1	0·6	10·2	67
Ayr . . . . .	263,900	28·0	6·6	15·6	1·3	6·5	91
Banff . . . . .	58,100	27·5	5·1	18·2	1·2	11·8	121
Berwick . . . . .	27,600	18·5	7·6	16·1	0·1	11·0	63
Bute . . . . .	17,000	14·4	5·9	16·8	0·2	4·9	49
Caithness . . . . .	29,500	22·8	5·0	19·7	0·0	12·5	131
Clackmannan . . . . .	29,100	26·5	5·7	17·1	3·0	6·8	120
Dumbarton . . . . .	141,200	30·7	6·2	15·1	2·0	3·3	93
Dumfries . . . . .	69,000	21·0	9·0	19·4	1·7	9·7	105
Edinburgh (Midlothian) . . . . .	515,400	22·0	10·2	16·0	1·6	7·2	108
Elgin . . . . .	40,500	23·6	7·6	20·0	1·2	14·6	163
Fife . . . . .	274,100	26·1	5·4	14·4	1·3	5·4	104
Forfar . . . . .	274,600	21·9	7·9	18·2	2·4	7·6	145
Haddington . . . . .	42,800	26·6	6·7	14·1	0·9	9·5	88
Inverness . . . . .	81,400	19·7	5·0	17·4	0·9	8·0	102
Kincardine . . . . .	39,300	23·0	6·2	14·0	1·8	11·9	93
Kinross . . . . .	7,300	23·5	2·2	13·1	0·0	14·0	47
Kirkcudbright . . . . .	35,900	18·9	5·4	19·6	1·0	9·5	71
Lanark . . . . .	1,557,900	29·2	9·0	18·2	3·3	5·9	129
Linlithgow . . . . .	81,000	34·2	4·9	13·5	2·0	5·9	97
Nairn . . . . .	8,800	22·3	6·4	20·0	1·8	10·2	143
Orkney . . . . .	23,600	18·2	4·9	21·9	0·2	1·9	75
Peebles . . . . .	14,500	14·4	7·2	14·1	0·8	7·5	38
Perth . . . . .	118,900	20·0	7·6	16·9	1·0	10·4	104
Renfrew . . . . .	286,900	27·4	6·3	16·1	1·5	4·0	103
Ross and Cromarty . . . . .	71,900	15·7	4·0	2·7	1·1	10·7	157
Roxburgh . . . . .	44,000	21·8	6·9	15·7	0·3	10·9	46
Selkirk . . . . .	23,800	15·8	5·7	14·7	0·0	17·0	106
Shetland . . . . .	26,300	17·2	3·2	20·1	0·5	12·4	71
Stirling . . . . .	160,700	28·0	6·6	14·3	1·4	5·9	94
Sutherland . . . . .	18,600	17·0	4·5	20·7	0·4	7·6	51
Wigtown . . . . .	30,000	27·7	8·0	14·6	0·9	11·6	82



TABLE B.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 30,000 DURING THE QUARTER ENDING 30TH JUNE 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Glasgow . . . . .	1,078,400	28·1	10·4	19·8	4·0	6·5	144
Edinburgh . . . . .	328,700	19·1	12·1	16·3	1·6	8·9	122
Dundee . . . . .	177,300	22·8	9·2	19·5	3·4	6·0	173
Aberdeen . . . . .	164,800	24·1	11·5	19·2	4·2	10·1	171
Paisley . . . . .	87,700	27·2	6·1	15·5	1·8	4·7	79
Leith . . . . .	80,500	26·7	7·4	17·1	1·8	5·2	112
Greenock . . . . .	78,100	30·5	7·3	19·3	1·6	4·7	128
Coatbridge . . . . .	44,100	30·0	5·3	15·3	1·1	2·1	106
Motherwell . . . . .	41,600	28·2	5·5	14·6	1·7	3·4	106
Kirkcaldy . . . . .	40,800	21·6	6·5	14·0	1·6	5·0	109
Hamilton . . . . .	38,600	32·8	7·1	16·1	2·5	7·0	98
Clydebank . . . . .	44,600	33·9	5·3	13·4	3·1	2·7	103
Perth . . . . .	35,500	18·7	12·6	17·4	1·5	9·7	121
Kilmarnock . . . . .	36,900	26·0	8·3	15·4	1·5	2·9	130
Falkirk . . . . .	34,300	27·2	7·2	15·2	2·9	3·4	124
Ayr . . . . .	33,600	23·8	9·2	16·4	1·7	11·1	90

TABLE C.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF BETWEEN 10,000 AND 30,000 DURING THE QUARTER ENDING 30TH JUNE 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Airdrie . . . . .	23,900	30·7	6·7	13·6	1·5	3·3	66
Alloa . . . . .	11,400	26·4	7·0	15·5	3·5	5·3	133
Arbroath . . . . .	18,800	24·3	7·9	20·2	0·6	13·2	114
Barrhead . . . . .	11,400	27·1	3·5	14·8	2·5	5·2	130
Borrowstounness . . . . .	10,900	34·6	8·5	14·0	0·4	7·4	106
Buckhaven, Methil, and Innerleven . . . . .	17,000	27·0	2·6	12·8	0·9	3·5	140
Cowdenbeath . . . . .	15,600	32·7	6·2	11·1	0·5	3·9	118
Dumbarton . . . . .	21,600	34·9	5·6	14·3	1·3	3·7	74
Dumfries . . . . .	15,300	22·7	14·4	19·3	3·4	8·0	172
Dunfermline . . . . .	28,900	29·0	6·9	17·6	1·1	3·8	96
Forfar . . . . .	10,000	17·6	6·4	14·0	0·4	11·4	68
Fraserburgh . . . . .	10,600	30·3	4·2	12·1	1·1	10·0	63
Galashiels . . . . .	14,100	16·5	6·5	13·4	0·0	19·0	121
Grangemouth . . . . .	10,200	27·2	3·9	11·8	0·4	1·4	43
Hawick . . . . .	15,800	19·0	8·4	17·8	0·5	10·7	67
Inverness . . . . .	20,700	25·0	14·9	22·1	1·7	8·5	132
Irvine . . . . .	9,900	29·7	6·9	22·0	0·8	6·8	96
Johnstone . . . . .	11,800	26·6	6·5	17·1	2·0	2·6	128
Kirkintilloch . . . . .	11,900	30·1	7·4	16·9	1·0	2·2	124
Montrose . . . . .	9,800	19·6	4·1	19·6	0·4	12·5	104
Musselburgh . . . . .	16,700	30·2	8·4	17·8	2·4	1·6	48
Peterhead . . . . .	13,600	35·4	9·1	13·8	0·6	7·5	83
Port-Glasgow . . . . .	17,200	32·7	7·5	18·2	0·7	3·6	93
Renfrew . . . . .	13,200	28·5	5·2	14·9	1·2	2·1	85
Rutherglen . . . . .	25,300	28·5	7·0	18·1	2·9	1·7	122
Stirling . . . . .	21,200	24·2	12·7	15·0	0·0	7·8	70
Wishaw . . . . .	25,700	30·9	5·8	16·6	3·8	4·5	111

TABLE D.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL COUNTY PUBLIC HEALTH DISTRICTS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 10,000 DURING THE QUARTER ENDING 30TH JUNE 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
ABERDEEN COUNTY.							
Aberdeen . . . . .	22,100	20·3	4·4	13·4	1·2	16·1	107
Deer . . . . .	26,300	26·3	4·6	13·9	1·5	15·6	69
Deeside . . . . .	11,400	21·5	3·5	14·8	0·4	21·3	98
Ellon . . . . .	12,800	26·4	2·5	12·6	0·0	11·9	60
Garioch . . . . .	12,900	25·1	2·5	13·6	1·2	14·8	37
Turriff . . . . .	10,400	28·3	7·4	17·0	0·0	13·7	110
ARGYLL COUNTY.							
Lorn . . . . .	9,500	20·3	0·4	15·2	0·0	8·3	42
AYR COUNTY.							
Ayr . . . . .	41,200	34·5	5·7	13·6	0·8	7·1	85
Carrick . . . . .	12,500	27·3	5·8	12·2	0·0	11·8	59
Kilmarnock . . . . .	22,500	27·8	5·2	18·2	2·0	8·3	141
Northern . . . . .	44,900	26·6	4·8	16·8	2·1	4·0	97
BANFF COUNTY.							
Banff . . . . .	17,600	25·0	2·5	18·0	0·9	16·1	118
Keith . . . . .	11,300	25·3	4·3	13·2	1·4	15·8	84
CAITHNESS COUNTY.							
Caithness . . . . .	17,600	20·5	2·3	18·9	0·0	12·2	89
CLACKMANNAN COUNTY.							
Clackmannan . . . . .	9,500	32·5	5·1	18·6	3·0	6·5	130
DUMBARTON COUNTY.							
Eastern . . . . .	22,700	29·9	6·0	17·0	2·7	4·7	77
Western . . . . .	27,000	26·4	8·2	15·3	1·3	3·4	73
DUMFRIES COUNTY.							
Annan . . . . .	9,800	25·7	8·2	20·8	1·2	12·7	111
Thornhill . . . . .	11,300	21·0	8·9	20·3	0·7	10·2	102
EDINBURGH (MIDLOTHIAN) COUNTY.							
Calder . . . . .	17,800	31·3	6·1	15·5	1·6	5·8	79
Lasswade . . . . .	24,300	32·5	5·1	13·0	1·6	4·2	81
Suburban . . . . .	24,400	20·5	5·1	10·8	0·0	7·2	56
ELGIN COUNTY.							
Elgin . . . . .	20,100	23·6	3·8	19·2	0·8	17·8.	186
FIFE COUNTY.							
Cupar . . . . .	14,900	21·0	3·5	15·9	1·1	5·1	77
Dunfermline . . . . .	31,200	26·4	5·5	12·8	1·5	5·3	126
Kirkcaldy . . . . .	43,700	33·2	3·9	12·0	1·5	5·2	83
St Andrews . . . . .	14,800	16·8	3·8	13·0	1·1	8·1	145



TABLE D.—continued.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1914.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
FORFAR COUNTY.							
Brechin . . . . .	11,900	25·2	3·7	15·5	0·0	8·0	80
Forfar . . . . .	10,300	21·8	5·1	12·9	0·4	10·7	54
HADDINGTON COUNTY.							
Western . . . . .	16,700	31·7	7·2	12·0	1·0	9·1	68
INVERNESS COUNTY.							
Skye . . . . .	12,100	18·6	1·3	17·9	0·7	3·6	107
LANARK COUNTY.							
Lower . . . . .	30,000	23·7	4·1	15·0	1·7	2·8	153
Middle . . . . .	201,400	35·3	5·9	13·7	2·0	5·3	96
Upper . . . . .	41,800	32·0	4·3	13·3	1·4	7·5	81
LINLITHGOW COUNTY.							
Bathgate . . . . .	32,600	37·1	3·7	15·5	3·3	6·0	103
Linlithgow . . . . .	15,300	30·4	3·9	11·3	1·6	5·2	69
PERTH COUNTY.							
Central . . . . .	9,600	26·4	6·7	20·5	1·3	12·7	111
Highland . . . . .	12,000	20·7	6·3	15·7	1·0	17·7	129
Perth . . . . .	19,800	21·5	5·5	14·8	1·2	8·5	85
Western . . . . .	9,600	17·2	5·0	14·3	0·0	12·2	73
RENFREW COUNTY.							
Upper . . . . .	36,400	22·5	5·9	12·9	1·4	2·5	137
Lower . . . . .	23,200	21·5	4·5	12·6	0·3	3·6	48
ROSS AND CROMARTY COUNTY.							
Easter-Ross . . . . .	9,500	18·1	5·1	30·4	3·8	18·6	233
Lews . . . . .	24,700	15·6	0·5	18·2	0·3	4·2	146
Mid-Ross . . . . .	10,800	18·2	5·9	20·8	0·4	16·3	143
SHETLAND COUNTY.							
Mainland . . . . .	17,300	13·9	0·7	20·4	0·5	10·0	17
STIRLING COUNTY.							
Central . . . . .	27,600	30·4	3·9	11·6	0·6	6·2	77
Eastern . . . . .	40,400	30·3	6·1	13·8	1·8	7·9	98
Western . . . . .	11,300	23·5	5·0	16·0	0·0	4·5	76
SUTHERLAND COUNTY.							
Sutherland . . . . .	17,800	16·9	4·0	20·9	0·4	8·0	53
WIGTOWN COUNTY.							
Rhins . . . . .	11,200	26·5	6·8	16·8	1·1	9·5	122

TABLE E.—CAUSES OF DEATH IN SCOTLAND AT DIFFERENT PERIODS OF LIFE  
DURING THE QUARTER ENDING 30TH JUNE 1915.

		All Ages.	Age.											Age not stated
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
I. GENERAL DISEASES.														
1	Enteric Fever	24	...	...	2	5	7	2	5	1	1	1	...	...
2	Typhus Fever	1	...	...	...	...	...	...	1	...	...	...	...	...
4	Malaria	1	...	...	...	...	...	...	...	1	...	...	...	...
5	(a) Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) Vaccinated	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) Unvaccinated	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) Vaccination Doubtful	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Measles	882	256	578	36	4	5	1	...	1	1	...	...	...
7	Scarlet Fever	172	5	80	58	15	6	2	4	1	1	...	...	...
8	Whooping-cough	1007	471	506	30	...	...	...	...	...	...	...	...	...
9	(a) Diphtheria	145	18	88	29	5	3	2	...	...	...	...	...	...
	(c) Croup, Membr. Laryngitis (b)	4	...	3	1	...	...	...	...	...	...	...	...	...
10	Influenza	132	8	...	2	1	5	3	8	7	19	32	47	...
13	Cholera Nostras	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Dysentery	1	...	...	...	...	...	...	...	1	...	...	...	...
18	Erysipelas	42	5	2	...	...	3	1	8	6	6	4	7	...
19	Oth. Epid. Dis. (3, 11, 12, 15, 16, 17, 25, 26, 27)	2	...	...	...	...	...	...	...	...	1	1	...	...
20	(a) Pyæmia, Septicæmia (not Puerperal) (b)	27	5	2	1	...	3	5	3	2	2	1	3	...
	(c) Vaccinia	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Glanders	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Anthrax	1	...	...	...	...	...	...	...	...	1	...	...	...
23	Rabies, Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tetanus	8	1	...	1	...	1	1	1	1	2	...	...	...
28	Pulmonary Tuberculosis, Phthisis	1421	12	27	32	55	321	364	291	167	105	42	5	...
29	(a) Acute Phthisis	46	1	2	2	2	20	6	9	3	...	1	...	...
	(b) Acute Miliary Tuberculosis	16	2	2	2	2	4	1	...	1	2	...	...	...
30	Tuberculous Meningitis	332	81	157	52	14	17	4	4	...	3	...	...	...
31	Abdominal Tuberculosis	214	21	88	24	22	25	16	8	5	4	...	1	...
32	Tuberculosis of Spine	38	1	7	4	2	7	8	3	1	4	...	1	...
33	Tuberculosis of Joints	10	...	1	2	1	...	1	2	1	2	...	...	...
35	Tuberculosis of other Organs, Disseminated Tuberculosis (34)	158	15	37	15	15	23	18	9	11	10	4	1	...
36	Rickets, Osteomalacia	24	11	10	2	...	...	...	...	...	1	...	...	...
37	Syphilis	36	25	4	...	...	1	...	3	...	1	1	1	...
38	Other Venereal Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...
45	(a) Carcinoma	751	...	...	1	...	2	19	63	137	239	199	91	...
	(b) Sarcoma	51	1	...	2	1	2	2	10	13	11	6	3	...
	(c) Malignant Disease, other or not defined	470	...	...	...	...	2	5	29	76	121	147	90	...
46	Other Tumours (Situation undefined)	14	1	1	...	...	3	1	3	1	...	...	4	...
47	Rheumatic Fever	73	1	1	8	12	20	9	11	6	3	1	1	...
48	(a) Chronic Rheumatism	35	...	...	...	...	...	1	1	3	9	16	5	...
	(b) Osteo-arthritis	31	...	...	...	...	...	1	1	4	8	6	11	...
	(c) Gout	1	...	...	...	...	...	...	...	...	1	...	...	...
49	Scurvy	1	1	...	...	...	...	...	...	...	...	...	...	...
50	Diabetes	134	...	...	2	4	17	15	11	18	28	29	10	...
51	Exophthalmic Goitre	22	...	...	...	...	2	6	3	6	3	1	1	...
52	Addison's Disease	5	...	...	...	...	...	2	1	...	1	...	1	...
53	(a) Leucocythæmia	18	3	1	...	...	...	1	6	1	4	...	...	...
	(b) Lymphadenoma	2	...	...	...	...	1	...	...	...	...	1	...	...
54	Anæmia, Chlorosis	140	4	2	...	2	10	9	24	25	32	23	9	...
55	(b) Purpura	9	2	2	1	...	...	1	...	1	1	1	...	...
	(c) Hæmophilia	3	1	2	...	...	...	...	...	...	...	...	...	...
	(d) Other General Diseases (a)	2	...	...	...	...	...	...	...	...	...	2	...	...
56	Alcoholism	45	...	...	...	...	...	3	9	18	8	6	1	...
57	Chronic Lead Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Other Chronic Occupational Poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Other Chronic Poisonings	1	...	...	...	...	...	...	...	...	...	1	...	...



TABLE E.—continued.

		All Ages.	Age.											Age not Stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
II. DISEASES OF NERVOUS SYSTEM.														
60	Encephalitis . . . . .	12	1	...	...	...	2	1	2	3	...	2	1	...
61	(a) Cerebro-spinal Meningitis . .	128	14	33	13	17	30	14	4	2	1	...	...	...
	(c) Meningitis, Basal, Nature un- specified (b)	268	85	91	30	13	14	8	13	4	4	5	1	...
62	Locomotor Ataxy . . . . .	13	...	...	...	...	1	...	1	7	1	3	...	...
63	Other Diseases of Spinal Cord . .	95	1	6	...	1	6	11	2	16	18	20	14	...
64	Cerebral Hæmorrhage, Apoplexy .	1180	6	...	1	2	2	15	45	112	275	392	330	...
65	Softening of Brain . . . . .	57	...	...	...	...	...	1	2	2	12	24	16	...
66	(a) Hemiplegia . . . . .	117	...	1	...	1	2	2	2	13	19	35	42	...
	(c) Paralysis, Cause or Nature un- specified (b)	34	...	...	1	...	...	...	4	2	9	11	7	...
67	General Paralysis of Insane . . .	84	...	...	...	...	2	13	32	24	10	2	1	...
68	Other Insanity . . . . .	35	...	1	...	...	...	1	6	7	11	5	4	...
69	Epilepsy . . . . .	94	3	4	2	4	23	19	10	11	10	4	4	...
71	Convulsions (not Puerperal) (70) .	239	172	59	5	1	...	1	...	...	...	1	...	...
72	Chorea . . . . .	3	...	...	...	...	2	...	...	...	...	...	1	...
73	Neuralgia, Neuritis . . . . .	16	...	...	1	1	...	...	3	3	4	3	1	...
74	(c) Cerebral Tumour . . . . .	45	2	2	1	6	5	2	7	9	7	3	1	...
	(d) Other Diseases of Nervous System (a, b)	40	...	9	4	1	...	4	3	2	5	3	9	...
75	Diseases of Eye and Annexa . . .	3	1	...	...	...	...	...	...	...	1	...	1	...
76	(a) Mastoid Diseases . . . . .	15	5	2	2	...	2	...	1	3	...	...	...	...
	(b) Diseases of Ear . . . . .	33	7	5	2	3	4	3	...	...	4	5	...	...
III. DISEASES OF CIRCUL- ATORY SYSTEM.														
77	Pericarditis . . . . .	14	...	...	1	...	1	1	3	2	3	2	1	...
78	Acute Endocarditis . . . . .	54	...	1	2	5	10	9	9	11	5	1	1	...
79	(a) Valvular Disease . . . . .	822	1	2	8	17	41	43	69	81	174	223	163	...
	(b) Fatty Degeneration of Heart . .	98	...	...	...	...	1	4	4	14	25	34	16	...
	(c) Other Organic Diseases of Heart	796	4	1	3	6	13	30	27	65	173	250	224	...
80	Angina Pectoris . . . . .	58	...	...	...	...	...	...	3	7	19	20	9	...
81	(a) Aneurysm . . . . .	29	...	...	...	...	1	1	3	13	10	1	...	...
	(b) Arterio-sclerosis . . . . .	108	...	...	...	...	1	...	1	4	20	35	47	...
	(c) Other Diseases of Arteries . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
82	(a) Cerebral Embolism, Thrombosis	138	...	...	...	...	...	4	7	17	23	37	50	...
	(b) Embolism and Thrombosis, not Cerebral	21	2	...	...	...	...	3	1	7	2	1	5	...
83	Diseases of Veins . . . . .	7	...	...	...	...	...	...	...	...	3	2	2	...
84	(a) Lymphatism, Status Lympha- ticus	3	1	...	...	1	...	...	1	...	...	...	...	...
	(b) Other Dis. of Lymphatic System	3	1	...	...	...	...	...	...	...	...	1	1	...
85	Hæmorrhage, Other Diseases of Circulatory System	1	...	...	...	...	...	...	...	...	...	1	...	...
IV. DISEASES OF RESPIR- ATORY SYSTEM.														
86	Diseases of Nose . . . . .	5	3	...	...	...	...	1	...	...	...	...	1	...
87	(b) Laryngitis . . . . .	23	9	8	3	...	...	1	...	1	1	...	...	...
	(c) Other Diseases of Larynx (a) . .	12	6	5	...	...	...	...	1	...	...	...	...	...
88	Diseases of Thyroid . . . . .	13	3	1	...	...	...	...	1	2	1	2	3	...
90	Bronchitis (89) . . . . .	1236	195	81	10	2	12	18	32	92	179	328	287	...
91	Broncho-pneumonia . . . . .	682	230	275	21	5	3	7	8	18	31	35	49	...
92	Pneumonia . . . . .	1043	105	109	21	10	73	62	120	152	137	154	100	...
93	Pleurisy . . . . .	83	5	2	1	1	2	7	7	16	17	14	11	...
94	(a) Pulmonary Apoplexy . . . . .	14	...	...	...	...	...	4	1	2	...	5	2	...
	(b) Pulmonary Congestion (c, d) . .	104	24	8	1	2	1	1	1	8	7	24	27	...
95	Gangrene of Lung . . . . .	7	...	...	...	...	1	1	1	1	2	1	...	...
96	Asthma . . . . .	22	...	...	...	...	1	...	1	3	4	8	5	...
97	Pulmonary Emphysema . . . . .	10	...	...	...	...	...	...	1	2	2	3	2	...
98	(a) Fibroid Diseases of Lung . . .	11	...	...	1	...	...	3	1	1	4	...	1	...
	(b) Other Diseases of Respiratory System	8	...	...	...	1	2	...	2	...	2	1	...	...

TABLE E.—continued.

		All Ages.	Age.											Age not stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
<b>V. DIS. OF DIGESTIVE SYSTEM.</b>														
99	Dis. of Mouth, Teeth. Oral Sepsis	7	1	...	...	...	...	1	...	...	2	1	2	...
101	Diseases of Pharynx, Oesophagus, Tonsillitis (100)	23	4	4	3	...	3	1	2	1	4	...	1	...
102	Gastric Ulcer	83	...	...	...	...	6	14	14	12	24	8	5	...
103	Other Dis. of Stomach. Gastritis	143	45	16	6	1	3	2	12	7	11	23	17	...
104	Diarrhoea, Enteritis (under 2 years)	304	253	51	...	...	...	...	...	...	...	...	...	...
105	Diarrhoea, Enteritis (over 2 years)	135	...	24	9	...	6	5	5	10	23	31	22	...
107	Intestinal Parasites (106)	...	...	...	...	...	...	...	...	...	...	...	...	...
108	Appendicitis, Typhlitis	90	...	2	11	16	14	9	14	7	12	5	...	...
109	(a) Hernia	40	1	1	1	...	2	2	1	6	5	15	6	...
	(b) Intestinal Obstruction	90	18	4	1	3	4	6	6	7	9	15	17	...
110	Other Diseases of Intestine	54	1	1	...	2	5	2	15	6	9	8	5	...
111	Acute Yellow Atrophy of Liver	7	...	...	1	...	2	...	2	...	2	...	...	...
112	Hydatids of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...
113	Cirrhosis of Liver	57	1	...	...	2	2	2	8	12	19	8	3	...
114	Gallstones	28	...	...	...	...	...	1	3	5	5	7	7	...
115	Other Diseases of Liver	58	3	...	2	...	1	3	5	14	15	4	11	...
116	Diseases of Spleen	1	...	...	...	...	...	...	...	...	...	1	...	...
117	Peritonitis, cause not specified	53	5	3	5	6	5	4	3	9	4	4	5	...
118	Other Diseases of Digestive System	6	...	...	...	...	...	...	...	3	2	1	...	...
<b>VI. DISEASES OF GENITO- URINARY SYSTEM.</b>														
119	Acute Nephritis	109	8	6	11	5	6	10	9	15	20	13	6	...
120	(a) Bright's Disease	482	1	...	1	2	11	27	50	96	138	104	52	...
	(b) Uræmia	32	...	...	...	...	...	3	4	6	7	9	3	...
122	Other Dis. of Kidney, Chyluria (121)	25	1	...	...	...	4	4	6	3	3	4	...	...
123	Urinary Calculus	2	...	...	...	...	...	...	...	...	1	1	...	...
124	Diseases of Bladder	77	1	2	...	...	...	1	3	7	11	25	27	...
125	Dis. of Urethra, Urinary Abscess	7	...	...	...	...	...	...	...	3	4	...	...	...
126	Diseases of Prostate	45	...	...	...	...	...	...	...	1	3	24	17	...
127	Diseases of Male Genital Organs (not Venereal)	1	...	...	...	...	...	...	...	...	...	1	...	...
128	Menorrhagia, Uterine Hæmorrhage (not Puerperal)	2	...	...	...	...	1	1	...	...	...	...	...	...
129	Uterine Tumour (non-Cancerous)	10	...	...	...	...	...	3	5	2	...	...	...	...
130	Other Diseases of Uterus	12	...	...	...	...	...	4	3	2	1	...	2	...
131	Cysts, and Other Tumours of Ovary	11	...	...	...	...	...	1	4	2	1	2	1	...
132	Other Dis. of Female Genit. Organs	6	...	...	...	...	...	2	2	2	...	...	...	...
133	Non-Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>VII. DISEASES OF PREGNANCY AND CHILDBIRTH.</b>														
134	(a) Abortion, Miscarriage	5	...	...	...	...	...	2	3	...	...	...	...	...
	(c) Uncontrollable Vomiting	3	...	...	...	...	2	1	...	...	...	...	...	...
	(d) Ectopic Gestation	...	...	...	...	...	...	...	...	...	...	...	...	...
	(e) Other Diseases and Accidents of Pregnancy (b)	5	...	...	...	...	1	1	3	...	...	...	...	...
135	Puerperal Hæmorrhage	18	...	...	...	...	...	13	5	...	...	...	...	...
136	Other Accidents of Childbirth	13	...	...	...	...	1	4	8	...	...	...	...	...
137	Puerperal Sepsis	54	...	...	...	...	14	26	14	...	...	...	...	...
138	Puerp. Albuminuria, Convulsions	28	...	...	...	...	8	16	4	...	...	...	...	...
139	Puerperal Phlegmasia Alba Dolens, Phlebitis, Embolism	12	...	...	...	...	...	7	5	...	...	...	...	...
140	(a) Puerperal Insanity	1	...	...	...	...	...	1	...	...	...	...	...	...
	(b) Other Puerperal Diseases	18	...	...	...	...	2	9	6	1	...	...	...	...
141	Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>VIII. DISEASES OF SKIN AND CELLULAR TISSUE.</b>														
142	(a) Senile Gangrene	74	...	...	...	...	...	...	...	...	2	25	47	...
	(b) Noma, Cancrum Oris	3	...	1	1	...	...	...	...	1	...	...	...	...
	(d) Other Gangrene (c)	13	3	...	...	...	...	...	1	4	5	...	...	...
143	Carbuncle, Boil	6	...	...	...	...	...	...	...	2	...	1	3	...
144	Phlegmon, Acute Abscess	43	12	6	1	...	3	4	1	1	5	6	4	...
145	Ulcer, Other Diseases of Skin and Cellular Tissue	24	5	1	1	...	...	...	...	2	2	1	12	...



TABLE E.—continued.

	All Ages.	Age.											Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
IX. DISEASES OF ORGANS OF LOCOMOTION.													
146 Dis. of Bones (Mastoid excluded)	21	1	3	5	5	1	...	1	1	3	1	...	...
147 Diseases of Joints	6	1	...	...	...	1	...	...	3	...	1	...	...
149 Other Dis. of Locomotor Syst. (148)	1	1	...	...	...	...	...	...	...	...	...	...	...
X. MALFORMATIONS.													
150 Congenital Malformations	133	122	6	3	1	1	...	...	...	...	...	...	...
XI. DISEASES OF EARLY INFANCY.													
151 (a) Premature Birth	562	562	...	...	...	...	...	...	...	...	...	...	...
(b) Congenital Debility, Icterus, Sclerema (c, d, e)	459	459	...	...	...	...	...	...	...	...	...	...	...
152 Other Diseases peculiar to Early Infancy	88	88	...	...	...	...	...	...	...	...	...	...	...
153 Lack of Care	1	1	...	...	...	...	...	...	...	...	...	...	...
XII. OLD AGE.													
154 (a) Senile Dementia	10	...	...	...	...	...	...	...	...	...	2	8	...
(b) Senile Decay	947	...	...	...	...	...	...	...	...	...	161	786	...
XIII. VIOLENT CAUSES.													
163 Suicide (155-162)	65	...	...	...	...	3	10	15	16	16	5	...	...
164 Poisoning by Food	4	...	1	1	...	...	...	2	...	...	...	...	...
165 Other Accidental Poisonings	11	...	4	...	1	...	1	1	1	2	...	1	...
167 Burns and Scalds (166)	93	9	31	8	3	5	4	8	4	10	5	6	...
168 Exposure to Poisonous Vapours	6	1	...	...	...	...	...	1	...	1	2	1	...
169 Drowning	136	...	6	12	7	24	27	25	15	12	2	1	5
170 Accidents with Fire Arms	9	...	...	...	...	1	3	2	2	1	...	...	...
171 Accidents with Instruments and Weapons	...	...	...	...	...	...	...	...	...	...	...	...	...
172 Accidental Falls	63	...	2	5	4	5	5	9	9	9	5	10	...
173 (a) Accidents in Coal Mines	21	...	...	...	...	7	2	10	2	...	...	...	...
(b) Accidents in Other Mines	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Accidents in Quarries	1	...	...	...	...	...	...	...	1	...	...	...	...
174 Accidents with Machinery	4	...	...	1	...	1	1	...	...	1	...	...	...
175 (a) Accidents on Railways	103	...	1	...	2	42	27	14	9	6	2	...	...
(b) Acc. with Horses and Vehicles	15	...	3	2	1	2	2	2	2	...	1	...	...
(c) Accidents with Motor Vehicles	27	...	6	4	4	3	2	1	3	2	1	1	...
(d) Accidents with Tramways	5	...	...	...	...	...	...	2	...	2	1	...	...
(e) Other crushing Accidents	9	...	...	...	1	2	2	2	1	1	...	...	...
177 Hunger	...	...	...	...	...	...	...	...	...	...	...	...	...
180 Weather Agencies (178, 179)	5	...	2	1	...	1	1	...	...	...	...	...	...
186 (a) Overlaying	23	23	...	...	...	...	...	...	...	...	...	...	...
(b) Suffocation (otherwise)	28	17	...	...	...	...	1	2	3	4	1	...	...
(c) Other Accidents (176, 181, 185)	178	1	11	19	6	12	27	24	24	17	13	24	...
184 Homicide (182, 183)	6	2	...	1	1	...	...	1	1	...	...	...	...
190 Execution	...	...	...	...	...	...	...	...	...	...	...	...	...
191 War Casualties (not Sickness)	27	...	...	...	...	10	13	4	...	...	...	...	...
XIV. ILL-DEFINED CAUSES.													
187 Dropsy	9	...	...	...	...	...	...	...	1	3	4	1	...
188 (a) Syncope	61	1	2	...	...	...	1	1	4	15	15	22	...
(b) Sudden Death (not otherwise defined)	9	2	...	...	...	...	...	1	4	2	...	...	...
189 (a) Heart Failure	246	...	1	...	2	4	7	19	26	47	73	67	...
(c) Teething	3	3	...	...	...	...	...	...	...	...	...	...	...
(e) Other Ill-defined Diseases (b, d)	49	1	23	2	3	2	...	1	3	11	1	2	...
(f) Dis. not Specified, Nat. Causes	162	47	10	1	2	2	4	13	9	29	13	32	...
	20,414	3543	2543	562	342	1003	1134	1358	1654	2415	2885	2970	5

TABLE F.—ANALYSIS OF MORTALITY IN EACH COUNTY AND PUBLIC HEALTH DISTRICT IN SCOTLAND DURING THE QUARTER ENDING 30TH JUNE 1915.

County and Public Health District.	Deaths (corrected).	Illegitimate Births (corrected)	Marriages.	Deaths.				Deaths of		Deaths from																									
				Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Pulmonary.	Other.	Tuber- culosis.	All Respiratory Diseases (except Phthisis).	Violence.													
SCOTLAND . . .	30,809	2159	9244	20,413	1742	1742	20,413	3543	5856	24	1	..	881	172	1007	149	304	1467	768	3273	839	35	20	...	...	...	1	...	...	1	...	...	3	...	2
Aberdeen County .	1874	236	687	1326	118	103	1311	249	419	..	..	..	123	19	33	5	21	92	41	198	198	35	20	...	...	...	1	...	...	1	...	...	3	...	2
Burghal Districts.																																			
*Aberdeen . . .	991	100	474	806	65	48	789	169	189	..	..	..	105	19	28	4	18	60	26	116	116	20	...	...	...	1	...	...	1	...	...	3	...	2	
Ballater . . .	5	1	1	3	..	..	3	1	2	..	..	..	..	..	..	..	..	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ellon . . .	6	..	14	6	..	..	6	..	5	..	..	..	..	..	..	..	..	..	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fraserburgh . .	80	8	11	30	2	4	32	5	8	..	..	..	2	..	..	..	1	2	2	3	3	20	...	...	...	...	...	...	...	...	...	...	...	...	...
Huntly . . .	20	4	22	25	1	1	25	5	12	..	..	..	..	..	..	..	1	1	1	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Inverurie . . .	16	..	12	16	..	1	17	5	4	..	..	..	2	..	1	..	..	1	2	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kintore . . .	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Meldrum . .	5	2	5	2	..	1	3	1	2	..	..	..	2	..	..	..	..	3	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peterhead . . .	120	9	31	44	1	4	47	10	13	..	..	..	2	..	..	..	..	3	2	11	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Roschearty . . .	12	1	3	4	..	1	4	..	2	..	..	..	..	..	..	..	..	1	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Turriff . . .	19	6	9	11	1	3	13	1	7	..	..	..	..	..	..	..	..	1	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
County Districts.																																			
Aberdeen . . .	112	18	24	107	40	7	74	12	34	..	..	..	3	..	2	1	1	2	1	11	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alford . . .	50	9	11	31	1	3	33	6	19	..	..	..	..	..	..	..	..	1	..	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deer . . .	173	27	30	88	4	7	91	12	45	..	..	..	6	1	2	..	..	4	3	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...





TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from												
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhoea (under 2 Years).	Tuber- culosis.	Other.  Pulmonary.	All Respiratory Diseases (except Phthisis).	Violence.	
	Births (corrected).	Illegitimate Births (corrected).	Marriages.																



[illegible]

TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from													
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Pulmonary.	Other.	Tuber- culosis.	All Respiratory Diseases (except Phthisis).	Violence.	
Clackmannan County	192	13	41	118	5	11	124	23	26	1	..	4	..	15	..	2	10	4	12	4
Burghal Districts.																				
Alloa . . . . .	75	4	20	45	4	3	44	10	6	1	..	1	..	6	..	2	5	2	4	1
Alva . . . . .	24	4	7	19	..	1	20	2	3	..	..	..	..	5	..	2	2	1	1	1
Dollar . . . . .	2	..	..	3	..	1	4	..	3	..	..	..	..	..	..	..	..	..	..	..
Tillicoultry . . . . .	14	..	2	10	..	2	12	1	5	..	..	..	..	..	1	..	..	1	..	1
County District.																				
Clackmannan . . . . .	77	5	12	41	1	4	44	10	9	..	..	3	..	4	..	..	2	6	1	1
Dumbarton County . . . . .	1081	36	219	531	85	84	530	100	129	..	6	19	5	31	5	9	38	24	77	20
Burghal Districts.																				
Clydebank . . . . .	377	10	59	125	3	27	149	39	17	..	5	13	1	11	1	4	7	8	31	5
Cove and Kilcreggan . . . . .	4	..	2	2	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
Dumbarton . . . . .	188	7	30	72	6	11	77	14	21	..	..	1	3	2	3	1	7	1	10	2
Helensburgh . . . . .	48	2	12	36	4	5	37	3	17	..	..	..	..	..	1	1	1	1	5	1
Kirkintilloch . . . . .	89	2	22	56	16	10	50	11	13	..	..	..	..	..	4	1	4	1	5	2
Milngavie . . . . .	28	1	5	15	..	2	17	1	7	..	..	..	..	..	3	..	..	..	..	1



[illegible]





[illegible]

TABLE F.—*continued.*

County and Public Health District.	Deaths.				Deaths of		Deaths from										
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.	Other.	Violence.
<b>Forfar County—<i>contd.</i></b>																	
<i>Burghal Districts—<i>contd.</i></i>																	
Kirriemuir . . .	12	1	3	17	2	6	..	..	..	..	..	1	..	..	1	1	1
Monifieth . . .	11	5	..	10	5	2	..	..	..	..	..	..	..	..	1	1	1
Montrose . . .	48	..	..	48	5	25	..	..	..	..	..	..	..	1	..	..	..
<i>County Districts.</i>																	
Arbroath . . .	45	3	5	26	1	11	..	1	..	..	1	..	..	1	1	..	..
Brechin . . .	75	19	7	46	6	20	..	..	..	..	..	..	..	2	1	1	2
Dundee . . .	47	22	1	29	5	9	..	..	..	..	..	..	1	..	1	3	1
Forfar . . .	56	2	5	33	3	16	..	..	..	..	..	..	..	3	..	..	..
<b>Haddington County .</b>	<b>284</b>	<b>16</b>	<b>27</b>	<b>150</b>	<b>25</b>	<b>54</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>3</b>	<b>..</b>	<b>5</b>	<b>14</b>	<b>9</b>	<b>5</b>
<i>Burghal Districts.</i>																	
Cockenzie and Port Seton	19	..	1	5	1	2	..	..	..	..	..	..	..	..	1	..	1
Dunbar . . .	12	..	5	21	1	10	..	..	..	..	..	..	..	1	1	1	2
East Linton . . .	1	3	1	5	..	3	..	..	..	..	..	..	..	..	1	..	..
Haddington . . .	17	10	1	13	4	4	..	..	..	..	..	..	..	1	1	2	..
North Berwick . . .	13	2	4	7	2	1	..	..	..	..	..	1	..	..	..	..	..
Prestonpans . . .	9	..	2	11	2	3	..	..	..	..	..	..	..	3	..	..	..
Tranent . . .	49	..	..	15	5	3	..	..	..	..	..	1	..	1	1	1	..



[illegible]

TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from															
					Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Violence.	All Respiratory Diseases (except Phthisis).	Tuber- eulosis.	Other.		Diarrhoea (under 2 Years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.	Typhus Fever.	Enteric Fever.			
	Transferred in.		Pulmonary.																			
	Registered.																					
	Transferred out.																					
	Net Number.																					
	Illegitimate Births (corrected).																					
	Marriages.																					
	Births (corrected).																					



Lanark County		11,356	674	3482	7008	377	424	7055	1470	1393	13	...	...	566	61	493	57	109	505	264	1284	250
<i>Burghal Districts.</i>																						
Airdrie . . . . .		183	6	40	72	1	10	81	12	24	...	...	...	...	1	6	2	...	4	3	13	1
Biggar . . . . .		2	...	3	1	...	1	2	...	...	...	...	...	...	...	...	...	...	2	...	...	...
Coatbridge . . . . .		330	7	58	163	5	10	168	35	27	...	...	...	...	3	3	2	3	13	9	37	3
Glasgow . . . . .		7543	491	2796	5362	279	230	5313	1085	1030	9	...	...	526	48	380	39	62	389	179	1009	175
Hamilton . . . . .		316	22	68	130	3	28	155	31	35	...	...	...	2	...	14	1	7	11	5	19	7
Lanark . . . . .		29	2	8	22	...	5	27	7	8	...	...	...	...	...	4	...	...	1	1	2	2
Motherwell . . . . .		292	10	57	139	2	14	151	31	28	...	...	...	...	...	4	5	9	14	8	20	4
Rutherglen . . . . .		180	3	44	91	...	23	114	22	26	1	...	...	6	...	11	...	...	3	7	16	4
Wishaw . . . . .		198	9	37	100	...	6	106	22	18	...	...	...	10	3	6	1	4	3	5	22	...
<i>County Districts.</i>																						
Lower . . . . .		177	5	31	124	32	20	112	27	20	1	...	...	4	...	6	...	2	4	6	12	8
Middle . . . . .		1773	94	295	670	49	66	687	171	128	2	...	...	14	5	56	4	17	49	39	111	42
Upper . . . . .		333	25	45	134	6	11	139	27	49	...	...	...	3	1	3	3	5	12	2	23	4
Linlithgow County .																						
<i>Burghal Districts.</i>																						
Armadale . . . . .		50	3	10	11	...	2	13	3	2	...	...	...	...	1	...	...	1	1	...	...	1
Bathgate . . . . .		59	4	9	17	1	6	22	7	4	...	...	...	...	...	1	...	2	3	...	3	2
Borrowstounness . . . . .		94	7	23	29	...	9	38	10	8	...	...	...	...	...	...	...	1	1	2	8	4
Linlithgow . . . . .		27	1	4	13	...	1	14	3	3	...	...	...	...	...	2	...	...	...	...	3	...
Queensterry . . . . .		27	...	5	11	3	3	11	5	1	...	...	...	...	...	...	...	...	2	...	...	1
Whitburn . . . . .		16	2	4	3	...	3	6	...	3	...	...	...	...	...	...	...	...	...	...	2	...
<i>County Districts.</i>																						
Bathgate . . . . .		302	18	30	111	2	17	126	31	28	...	...	...	2	8	12	3	2	5	8	22	5
Linlithgow . . . . .		116	6	15	64	26	5	43	8	12	...	...	...	...	2	2	1	1	5	1	11	3
Nairn County																						
<i>Burghal District.</i>																						
Nairn . . . . .		25	1	10	24	...	2	26	4	11	...	...	...	...	...	1	...	...	1	1	4	2
<i>County District.</i>																						
Nairn . . . . .		24	4	4	18	...	...	18	3	6	...	...	...	1	...	1	...	1	...	...	5	...

TABLE F.—*continued.*

County and Public Health District.	Deaths.				Deaths of		Deaths from																		
	Registered.				Children under One Year of Age.		Enteric Fever.																		
	Transferred out.				Persons Aged 65 Years and Upwards.		Typhus Fever.																		
	Transferred in.						Smallpox.																		
	Net Number.						Measles.																		
							Scarlet Fever.																		
							Whooping-cough.																		
							Diphtheria and Croup.																		
							Diarrhoea (under 2 Years).																		
							Tuber- culosis.																		
							Other.																		
						Pulmonary.																			
						All Respiratory Diseases (except Phthisis).																			
						Violence.																			
Orkney County	107	2	29	125	2	6	129	8	79	..	..	..	1	6	7	16	3	..	1	1	..	8	1	2	5
Burghal Districts.																									
Kirkwall	12	..	10	25	1	1	25	..	12	..	..	..	..	2	2	4	..	4	4	1	..	6	1	2	3
Stromness	7	1	..	7	..	..	7	2	4	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..
County Districts.																									
Mainland	36	..	8	41	..	5	46	1	29	..	..	..	..	3	4	4	..	1	1	..	..	8	1	2	5
North Isles	34	1	5	33	..	..	33	1	26	..	..	..	..	..	1	6	..	4	1	..	..	6	1	2	3
South Ronaldshay	11	..	5	9	1	..	8	2	3	..	..	..	..	1	..	2	..	1	..	..	2	..	..	..	..
Walls	7	..	1	10	..	..	10	2	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peebles County	52	4	26	44	3	10	51	2	26	2	..	2	..	1	1	6	8	..	1	1	..	6	1	2	5
Burghal Districts.																									
Innerleithen	8	1	4	11	1	2	12	..	7	..	..	12	..	1	..	..	..	..	1	..	..	..	1	2	5
Peebles	14	3	13	13	1	3	15	1	7	2	..	15	1	..	..	3	..	..	..	..	..	3	..	..	..
County District.																									
Peebles	30	..	9	20	1	5	24	1	12	..	..	24	1	..	1	..	..	..	..	..	..	..	..	..	..



Perth County	594	62	225	504	62	58	500	62	198	...	...	...	11	1	10	2	6	37	12	61	22
<i>Burghal Districts.</i>																					
Aberfeldy	8	...	2	7	1	...	6	...	3	...	...	...	...	...	...	...	...	...	...	...	...
Abernethy	7	...	3	3	...	1	4	...	3	...	...	...	...	...	...	...	...	...	...	1	...
Alyth	8	...	3	5	...	...	6	...	3	...	...	...	...	...	...	...	...	...	...	1	...
Auchterarder	10	...	2	10	1	...	9	...	3	...	...	...	...	...	...	...	...	2	...	...	...
Blaigowrie	11	1	7	15	5	3	13	1	6	...	...	...	...	...	1	...	...	2	...	1	...
Callander	5	...	...	5	...	2	7	...	5	...	...	...	...	...	...	...	...	2	...	1	...
Coupar-Angus	7	...	2	6	...	...	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...
Crieff	21	6	6	23	4	1	20	5	10	...	...	...	...	...	1	...	...	1	1	1	...
Doune	3	...	1	3	...	2	5	1	1	...	...	...	...	...	...	...	...	1	2	2	...
Dunblane	16	...	2	15	2	...	13	1	8	...	...	...	...	...	...	...	...	...	...	1	...
Perth	165	16	111	178	30	6	154	20	47	...	...	...	9	...	2	1	1	13	3	24	5
Rattray	12	1	...	14	...	2	16	5	4	...	...	...	...	...	1	...	1	4	1	1	...
<i>County Districts.</i>																					
Blaigowrie	49	5	12	33	...	5	38	2	23	...	...	...	...	...	1	...	...	1	2	3	5
Central	63	8	16	45	4	8	49	7	21	...	...	...	...	...	1	...	2	5	1	8	...
Highland	62	11	19	52	12	7	47	8	17	...	...	...	...	...	1	1	1	1	4	4	3
Perth	106	9	27	59	1	15	73	9	25	...	...	...	2	1	2	...	1	4	...	11	5
Western	41	5	12	31	2	5	34	3	13	...	...	...	...	...	...	...	...	1	...	2	3
<b>Renfrew County</b>	<b>1958</b>	<b>79</b>	<b>449</b>	<b>1205</b>	<b>136</b>	<b>80</b>	<b>1149</b>	<b>202</b>	<b>286</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>14</b>	<b>15</b>	<b>51</b>	<b>12</b>	<b>16</b>	<b>88</b>	<b>45</b>	<b>196</b>	<b>45</b>
<i>Burghal Districts.</i>																					
Barrhead	77	4	10	41	1	2	42	10	12	...	...	...	...	2	4	...	1	3	4	4	...
Gourock	52	1	15	22	...	3	25	4	9	...	...	...	1	...	2	...	...	1	...	3	...
Greenock	595	28	142	377	14	12	375	76	89	...	...	...	...	1	23	3	4	22	23	63	19
Johnstone	78	2	19	42	...	8	50	10	12	...	...	...	...	...	1	...	5	1	1	8	...
Paisley	594	28	134	340	13	13	340	47	78	...	...	...	6	9	12	8	4	35	5	66	8
Port-Glasgow	140	5	32	68	1	11	78	13	11	...	...	...	...	...	3	...	...	7	2	17	8
*Renfrew	94	2	17	41	2	10	49	8	13	...	...	...	1	1	1	1	...	1	2	3	4
<i>County Districts.</i>																					
Upper	204	5	54	202	91	6	117	28	33	1	...	...	6	2	3	...	2	7	5	21	4
Lower	124	4	26	72	14	15	73	6	29	...	...	...	...	...	2	...	...	11	3	11	2

\* Including the portion within the County of Lanark.





County Districts.	19	2	6	15	1	...	14	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
-------------------	----	---	---	----	---	-----	----	-----	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from												
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.	Other. Pulmonary.	All Respiratory Diseases (except Phthisis).	Violence.	
	Births (corrected).	Illegitimate Births (corrected).	Marriages.																

\* Deaths of belligerents from causes originating outwith Scotland. They comprise 96 British soldiers, 22 British sailors, and 1 fisherman.









REPORT ON THE WEATHER OVER SCOTLAND DURING THE  
QUARTER ENDING 30th JUNE 1915.

By A. WATT, M.A., F.R.S.E., under the direction of the Council of the Scottish  
Meteorological Society.

THE Report is based on observations made, morning and evening, at Stations of  
the Scottish Meteorological Society, and at some additional Stations whose returns  
are included by the courtesy of the Meteorological Office. The total number of  
contributing stations is 83.

TABLE I.—MEANS FOR ALL SCOTLAND.

1915	BARO- METER at 32° F. and Sea level.	SELF-REGISTERING THERMOMETERS.					RAIN.	
		Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount
	ins.	°	°	°	°	°		ins.
April	29·924	51·7	37·2	44·5	73	21	18	2·60
May	30·095	56·1	38·6	47·4	80	20	10	1·22
June	30·030	63·3	45·6	54·5	81	27	8	1·49

TABLE II.—MEANS FOR THE EIGHT PRINCIPAL TOWNS.

1915	SELF-REGISTERING THERMOMETERS.					RAIN.		WIND—NO. OF OBSERVATIONS.								
	Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Var.
	°	°	°	°	°		ins.									
April	52·4	38·4	45·4	68	28	17	1·89	2	4	5	3	3	16	16	9	2
May	56·5	40·0	48·3	77	26	10	1·33	4	13	14	13	2	3	5	6	2
June	64·2	47·4	55·8	80	34	8	1·85	1	11	14	10	4	7	7	3	3

SUMMARY OF OBSERVATIONS.

In Table I., the means for the various elements are the arithmetical means of  
the values at all the contributing stations. That for rainfall does not represent  
the whole country in a quite satisfactory manner, as stations are more numerous  
in dry districts than in wet districts; the figures, however, are fairly comparable  
with the corresponding figures given for former years.

Table II., refers to eight of the principal towns only, and is extracted from  
the Monthly Reports already published by the Registrar-General for Scotland.

And when the figures in Table I., and those of wind-direction in Table II.  
are compared with the averages for 1856–1905, during the same months, they show  
the following characteristics and differences:—

**April 1915.**—Mean Barometric Pressure, 29·924 in.; greater than the  
average by 0·041 in.

Mean Temperature, 44°·5 ; greater by 0°·4.

Mean Daily Range of Temperature,  $14^{\circ}5$  ; being the normal.

Rain, Number of Days, 18 ; greater by 3 days.

Rain, Depth in Inches, 2.60 ; greater by 0.33 in.

Wind, Direction of: a 9 days' excess of winds from between S.W. and N.W.

**May 1915.**—Mean Barometric Pressure, 30.095 in. ; greater than the average by 0.151 in.

Mean Temperature,  $47^{\circ}4$  ; less by  $1^{\circ}6$ .

Mean Daily Range of Temperature,  $17^{\circ}5$  ; greater by  $2^{\circ}0$ .

Rain, Number of Days, 10 ; less by 3 days.

Rain, Depth in Inches, 1.22 ; less by 1.07 in.

Wind, Direction of: a 8 days' excess of winds from between N.E. and S.E.

**June 1915.**—Mean Barometric Pressure, 30.030 in. ; greater than the average by 0.084 in.

Mean Temperature,  $54^{\circ}5$  ; less by  $0^{\circ}4$ .

Mean Daily Range of Temperature,  $17^{\circ}7$  ; greater by  $1^{\circ}9$

Rain, Number of Days, 8 ; less by 5 days.

Rain, Depth in Inches, 1.49 ; less by 1.03 in.

Wind, Direction of: a 6 days' excess of winds from between N.E. and S.E.

**April 1915.**—The month was characterised by a slightly high mean pressure ; a slightly high mean temperature with a mean daily range equal to the normal ; a slightly high mean rainfall ; and a considerable excess of winds from between S.W. and N.W.

The mean pressure was 29.924 in., or 0.041 in. above the normal. Conditions were unsettled during the first few days, and a fall in pressure of  $\frac{3}{4}$  in. within twenty-four hours on 6th–7th was followed by the arrival over the north of Scotland on 8th of the centre of a depression travelling on an easterly track. This disturbance was followed by a decided rise of pressure and conditions were thereafter mainly anticyclonic, though there were interruptions about 10th, on 15th and 16th, and on 18th and 19th. From 24th onwards pressure was highest over our north-western and northern districts, and there was a well defined gradient for north-easterly winds. At Leith, at sea-level, readings above 30 in. were recorded on 1st, from 10th to 15th, on 17th and 18th, and from 21st to 29th, the extremes there being 30.56 in. on morning of 27th and 28.89 in. on morning of 8th.

The mean temperature was  $44^{\circ}5$ , or  $0^{\circ}4$  above the normal. A few stations showed a trifling deficiency, and most agreed very closely with their normals. Winds from north-west or west-north-west were rather frequent during the first three weeks, and temperature, as a rule, reached only a moderately high level. During the third week, however, there was a fairly well-defined temperature excess in eastern districts, with highest readings for the month here and there at coast stations on 19th. Lowest readings for the month occurred in various districts from 6th to 8th, on 13th or 14th, or about 21st, about the actual lowest being  $21^{\circ}$  at Leadhills on 8th. During the last week, when an easterly type of weather prevailed, with a considerable amount of sunshine, fairly warm days alternated with rather cold nights, and at various places the extreme readings of the month occurred within a few hours of one another. Thus on the night of 28th–29th a minimum reading of  $28^{\circ}$  at Perth was registered between two days on which temperature rose to  $67^{\circ}$  and  $68^{\circ}$ . The highest readings for the month occurred very widely on 28th or 29th, two or three stations reaching  $70^{\circ}$ , and Fort William  $73^{\circ}$ .

The mean rainfall was 2.60 in., or 15 per cent. above the normal. A considerable area in the east from Aberdeen southwards had a decidedly deficient



rainfall, with numerous aggregates of less than 1 in., and at Marchmont only 0·56 in., or just one quarter of the normal. Outside this area there was in general an excess, and towards the north-west the excess was very large. Thus Fort William, Fort Augustus, and Inverness had about twice the normal, and Poltalloch, Inveraray, and Glencarron an excess of 70 per cent. or more. Heavy to fairly heavy falls were more or less general from 2nd to 4th, and again from 6th to 8th, especially towards north-west. Thus Kinlochquoich had 1·51 in. on 6th; Fort William 1·01 in. on 7th; and Glencarron 1·85 in. on 8th. Thereafter the most general falls occurred on 10th, and on 18th and 19th, when there were again large amounts in north-west, as much as 3·35 in. at Kinlochquoich on 18th. From 24th to 29th many districts were rainless, whilst on 30th trifling to moderate falls were more or less general. Within the dry eastern area many "rain days" had merely nominal falls, and at Dundee amounts exceeding 0·1 in. were registered only on 3rd and 4th.

Rather stormy weather was experienced early in the month in the north, and very generally around 8th, 16th and 18th. In various districts there were slight falls of snow and hail. It calls for remark that though the mean temperature of the month slightly exceeded the normal in most districts, the cold winds generally experienced retarded agricultural operations and the development of vegetation.

Thunder occurred very locally in the north of Scotland on 3rd and 4th; in Ayrshire on 7th or 8th; and at Coupar Angus on 30th.

Sunshine aggregates were equal to or slightly above the normal in the south, but increasingly deficient towards the extreme north. Deerness had hardly more than half the normal.

Coast fog occurred in the west around 11th, and somewhat widely between 23rd and 29th.

Aurora was observed at Baltasound on 7th, 8th, 16th and 19th; at Deerness and Kirkwall on 7th; and at Aberdeen on 16th.

**May 1915.**—The month was characterised by an abnormally high mean pressure; a low mean temperature, with a very large mean daily range; an extremely low mean rainfall; and a very large excess of winds from an easterly quarter.

The mean pressure of 30·095 in. was 0·151 in. above the normal, and the highest mean for any month since September 1912 (30·154 in.). With pressure very high over Scotland and diminishing steadily towards the south and south-west of England and Ireland, where there was close agreement with the normal, there was a well-marked gradient for easterly and north-easterly winds over our Islands. For the most part conditions were anticyclonic, and the only depression to pass directly over Scotland was a shallow one, which moved east-north-eastward from the north of Ireland on 1st. Our area was also to some extent influenced by a disturbance which crossed the middle of England on 11th to 12th; by a depression over the Atlantic on 19th to 20th; and by another depression centred over the North Sea at the end of the month. At Leith, at sea-level, barometer readings above 30 in. were recorded on 3rd and 4th, from 7th to 11th, on 15th, on 18th and 19th, from 21st to 28th, and on 30th and 31st, the extremes there being 30·571 in. on 9th and 29·731 in. on 1st.

The mean temperature of 47°·4 was 1°·6 below the normal, and with the days only 0°·6 but the nights as much as 2°·6 below their respective averages the mean daily range was unusually large. The deficiency was greatest towards east and north, as much as 3°·6 at Wick, whilst at some western stations there was practical agreement with the normal. Temperature fluctuations were very considerable. Cold weather during the first two or three days was followed by a mild spell until 10th. On 11th a very cold easterly to north-easterly type of weather set in, lasting until about 20th, with lowest readings for the month from 13th to 15th, and for the week ending 15th the mean temperature was in various districts 6° or more below the normal. On night of 13th–14th the thermometer

in screen fell to  $20^{\circ}$  at Braemar, with a reading of  $14^{\circ}$  from a thermometer exposed on the grass. From 21st or 22nd to 25th warm days were experienced though easterly winds still prevailed, and on 24th Gordon Castle and Fort William reached  $80^{\circ}$ . The closing days of the month were much colder, and ground frost occurred in various districts around 28th.

The mean rainfall was 1.22 in., or 47 per cent. below the normal. Practically the whole of Scotland had less than 2 in. for the month; large areas less than 1.5 in.; numerous stations less than 1 in.; and Oban only 0.47 in. Relatively to the normal the shortage was least pronounced towards the south-east, whilst a great part of the country had less than one-half the normal and some north-western districts less than one-third. Slight falls on 1st were followed by a dry spell until 9th or 10th, broken here and there on 6th; on 11th more or less heavy falls were general, more than half-an-inch in various places, and in some districts fully half the month's aggregate was registered on that day. Thus at Turnberry, on the Ayrshire coast, where the month's total was 0.88 in., the fall on 11th was 0.67 in. The period from 12th to 27th was rainless or all but rainless in various districts, though with rain here and there on 12th, 19th or 20th. Moderate to heavy falls occurred widely on 28th or 29th, and in north-west on 31st. The number of "rain days" was unusually small, and on several the amounts registered were hardly more than nominal.

Wind force was as a rule light. Hail occurred at times, and there was a touch of wintry weather around 13th, with snow in places,—about 1 in. at Edinburgh.

Thunderstorms occurred locally towards north-east and south-east on 6th; in some Border districts on 7th; at Baltasound on 22nd; and at Bangour on 29th.

Sunshine amounts were considerably above the normal, especially towards the west. At Aberdeen the month was the sunniest May since 1901.

Coast fog occurred here and there about 6th and 7th, and somewhat widely between 21st and 25th.

Aurora was not reported.

**June 1915.**—The month was characterised by a high mean pressure; a slightly low mean temperature, with a large mean daily range; an extremely low mean rainfall; and a very large excess of winds from an easterly quarter.

The mean pressure was 30.030 in., or 0.084 in. above the normal. During the first week or so our area was to some extent affected by depressions spreading in from the Atlantic, but from about 10th to 23rd conditions were of a decided anticyclonic type and pressure variations were extremely small. Towards the end of the month an irregular cyclonic type of weather prevailed. At Leith, at sea-level, barometer readings above 30 in. were recorded from 4th to 6th, from 11th to 20th, and from 22nd to 25th, the extremes there being 30.362 in. on 14th and 29.696 in. on 29th.

The mean temperature was  $54^{\circ}\cdot 5$ , or  $0^{\circ}\cdot 4$  below the normal, and with the days  $0^{\circ}\cdot 5$  above and the nights  $1^{\circ}\cdot 4$  below their respective averages, the mean daily range was considerably above the normal. In the extreme north there was a decided deficiency, as much as  $2^{\circ}\cdot 7$  at Wick, whilst towards the south-west there was a fairly well-defined excess. At Wick and in Orkney and Shetland lowest readings for the month occurred on 2nd; but after the first few days, which were in general cold, the anticyclonic period noted above was associated with sunny weather, characterised by high day temperatures until the middle of the month in north and east, with maxima on 12th, when Arbroath reached  $81^{\circ}$ , and in west and south until about 23rd, with maxima on 16th. With steady light easterly winds, however, the nights were cold as a rule, with rather destructive ground frosts at times in both England and Scotland. The last week was rather cold in all districts, and in north and east there was about the middle of the month a sharp fall in temperature from which there was no recovery.



Lowest readings occurred nearly everywhere on night of 17th-18th, when the thermometer in screen at Braemar fell to 27°, with a reading of 19° on a thermometer exposed on the grass. At Braemar ground frost occurred on 9 nights.

The mean rainfall was 1·49 in., or 41 per cent. below the normal. Slight to moderate falls occurred more or less widely on 1st and 2nd, with fairly heavy falls on 4th, but from 5th to 25th some districts were absolutely rainless, and in none was there rain of any importance except during the first two or three days or the last two or three days of that period. On the afternoon of 26th heavy rain set in, except in some northern and southern districts, and Edinburgh registered 1·17 in.,—the heaviest daily fall at that place since 30th September 1912,—and various stations in the East and in the Clyde area amounts exceeding 1 in. On 29th, and less widely on 30th, falls of considerable intensity occurred locally during thunderstorms, as much as 1·13 in. at Braemar on 29th; but in some districts no rain fell after 26th. Here and there, as at Paisley, the month's aggregate slightly exceeded the normal, but in general there was a very decided shortage, moderate in some eastern districts, but as a rule seriously acute, especially towards the north and north-west, where Dunrobin (0·46 in.) and Glencarron (0·91 in.) had less than one quarter of the normal. A considerable area in the north, and various points in east and south, had aggregates of less than 1 in. In some southern districts there was a practically continuous drought from 5th onwards, and at Cally (Gatehouse) the total rainfall from 5th to 30th was only 0·1 in. At Braemar the fall on 29th was fully equal to the aggregate rainfall at that place from the 12th of May to 28th of June.

Wind force was as a rule very light. The thunderstorms of 29th and 30th were widely experienced, though not in northern districts, and flooding occurred here and there on these days. There were minor thunderstorms at a few places on 27th and 28th, and one of considerable intensity at Aberdeen and in Shetland on 8th.

Sunshine amounts were decidedly above the normal,—at Deerness by more than two hours per day. The first few and the last few days of the month were rather cloudy, but between 9th and 22nd there were many days of continuous sunshine, and for the week ending 19th, Stornoway and other places averaged 13½–14 hours per day. It is extremely rare in Scotland for both May and June to rank as very sunny months, and at Edinburgh the May-June period was the sunniest since 1911, and at Glasgow much the sunniest for at least 35 years.

Coast fog occurred somewhat widely from 26th to 30th; and here and there around 7th and 12th.

Aurora was not reported.

---

*Note.*—The averages for Temperature and Rainfall referred to in the returns for individual stations are for the 40 years 1866–1905, but at the stations whose returns are supplied by the Meteorological Office the averages are for the 35 years 1871–1905. For stations where the actual observations do not cover the entire period of 35 or 40 years, the averages have been adjusted by comparison with neighbouring stations. The Sunshine averages are, as a rule, for the 25 years 1881–1905, but at Edinburgh (Blackford Hill) for the 13 years 1901–1913.

The amount of cloud is estimated on a scale of 0–10, and a day is reckoned as a day of “clear sky” if the average of the estimates at the hours of observation is less than 2, and as an “overcast” day if the average is greater than 8.

The “Height of Station” is that of the cistern of the Barometer above Mean Sea-Level or, where no barometer is in use, the height of the rain-gauge above Mean Sea-Level.

It is to be noted that the observations of pressure have not been adjusted to mean sea-level or Lat. 45°, but are at the heights and latitudes of the various stations.

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER.		
		Mean of Station at 32° Fahr. at 9 a.m. and 9 p.m.		Mean of				Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.		
				A. Maximum.	B. Minimum.	Mean of A and B.	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.
SHETLAND—	feet.	inch.	°	°	°	°	°	°		°		°	°	inch.
†Baltasound - - -	31	...	46.2	37.4	41.8	...	...	51	26th	26	1st	...	...	...
*Lerwick - - -	59	29.719	45.7	37.3	41.5	0.0	...	50	25th	30	2nd, 17th	41.3	1.0	.239
ORKNEY—														
Deerness - - -	163	29.648	46.3	37.6	42.0	-0.4	...	50	24th, 25th	32	2nd, 17th, 21st	41.8	1.8	.227
†Kirkwall - - -	72	29.745	47.2	38.0	42.6	-0.9	...	52	25th	30	2nd, 17th	43.7	2.0	.242
CAITHNESS—														
*Wick - - -	94	29.748	47.7	36.3	42.0	-1.1	...	54	19th	30	21st	40.8	0.7	.239
SUTHERLAND—														
Dunrobin - - -	16	...	49.7	35.7	42.7	-1.1	...	59	23rd	29	21st	42.9	1.5	.244
ROSS & CROMARTY—														
†Fortrose - - -	69	...	51.5	39.0	45.3	...	...	60	28th	33	8th, 9th, 21st	...	...	...
Strathpeffer - - -	210	29.645	52.5	37.8	45.2	+1.6	...	65	29th	31	6th	44.4	3.0	.228
Glencarron - - -	504	29.340	49.0	36.4	42.7	-0.2	...	66	28th	31	22nd	42.2	2.2	.223
*Stornoway - - -	52	29.799	49.2	38.9	44.1	+0.9	...	61	27th	34	7th	42.8	1.1	.251
INVERNESS—														
*Castlebay - - -	48	29.854	49.5	41.2	45.4	+0.6	...	62	28th	34	7th, 8th	45.4	2.0	.258
Inverness - - -	114	29.760	51.3	38.9	45.1	-0.2	...	62	25th	32	9th	45.4	2.1	.256
Fort-Augustus - - -	73	29.827	50.8	38.5	44.7	+0.2	...	69	29th	32	22nd	43.8	1.9	.245
Fort-William - - -	38	29.881	52.7	38.4	45.6	+0.5	...	73	28th	33	7th, 10th, 22nd	44.2	2.5	.236
Kingussie - - -	828	29.002	50.5	34.3	42.4	+0.9	...	70	29th	29	7th, 13th	42.3	2.8	.213
NAIRN—§Nairn - - -	82	29.790	51.7	37.4	44.6	+0.5	...	60	28th	31	8th	44.2	2.4	.238
ELGIN OR MORAY—														
Gordon Castle - - -	107	29.769	51.6	37.1	44.4	0.0	...	60	29th	32	13th	43.6	1.9	.243
BANFF—†Banff - - -	64	29.814	49.9	37.9	43.9	...	...	57	19th	33	6th, 13th, 28th	45.2	1.6	.264
ABERDEEN—														
Braemar - - -	1114	28.711	50.2	32.6	41.4	+0.7	...	69	28th	28	14th, 28th	42.2	3.0	.209
†Balmoral - - -	927	28.890	52.2	32.9	42.6	+1.4	...	69	29th	27	6th	42.9	2.2	.230
†Logie Coldstone - - -	608	...	51.7	34.8	43.3	+1.0	...	68	28th	26	6th	...	...	...
Loanhead - - -	747	29.084	51.7	34.8	43.3	+0.8	...	72	28th	28	6th	43.9	2.7	.229
Aberdeen, King's Coll. - - -	88	29.804	50.2	37.6	43.9	+0.1	...	59	19th	33	21st	44.2	3.4	.218
KINCARDINE—														
†Crathes - - -	145	29.741	53.7	36.3	45.0	+2.1	...	67	28th	28	14th, 28th	46.3	3.4	.239
†Stonehaven - - -	86	...	52.1	36.5	44.3	...	...	58	19th	30	28th	...	...	...
FORFAR—														
†Montrose - - -	200	...	50.6	36.7	43.7	0.0	...	60	19th	30	14th	...	...	...
Arbroath - - -	70	29.858	52.0	37.6	44.8	+0.4	...	59	19th	32	21st	44.6	3.3	.224
†Lednathie - - -	720	...	52.1	33.9	43.0	+1.0	...	67	28th	27	6th, 28th	...	...	...
†Carnoustie - - -	39	...	51.7	37.3	44.5	...	...	58	19th	30	13th, 21st	...	...	...
Dundee, E. Necropolis - - -	164	29.746	52.1	36.8	44.5	-0.1	...	61	28th	31	28th	43.8	1.7	.248
†Dundee, Harbour - - -	20	...	52.6	39.5	46.1	-0.2	...	59	11th	36	13th	...	...	...
Balruddery - - -	276	...	53.7	35.4	44.6	-0.1	...	66	28th, 29th	30	21st	...	...	...
†Kettins - - -	218	...	53.0	35.3	44.2	...	...	65	28th, 29th	29	13th, 28th	45.4	3.6	.226
PERTH—														
Perth - - -	82	29.845	54.2	36.8	45.5	+0.3	...	68	29th	28	13th, 28th	44.5	2.9	.231
Crieff - - -	436	29.460	53.5	35.7	44.6	-0.2	...	68	29th	30	13th, 21st	43.9	3.2	.219
†Stronvar - - -	422	...	53.5	35.1	44.3	+0.4	...	69	29th	28	28th	...	...	...
FIFE—														
†St Andrews - - -	20	...	52.2	37.8	45.0	...	...	61	29th	30	2nd, 28th	...	...	...
†Cupar - - -	210	...	51.9	37.0	44.5	+0.4	...	57	29th	30	13th	...	...	...
†Colinsburgh - - -	147	...	53.0	37.8	45.4	+0.6	...	62	28th	33	10th, 14th, 21st	46.2	3.5	.236
Lathallan - - -	522	29.371	50.0	35.4	42.7	...	...	58	28th	30	11th, 21st	42.4	2.4	.221
†Kirkcaldy - - -	100	29.833	53.0	39.3	46.2	...	...	61	11th	33	10th	46.7	2.8	.255
STIRLING—Buchlyvie - - -	125	29.790	54.1	36.5	45.3	+1.0	...	69	28th, 29th	30	13th, 28th	45.3	2.8	.241
DUMBARTON—														
†Helensburgh - - -	18	...	53.6	38.0	45.8	+0.6	...	68	28th	30	22nd	...	...	...
†Kilmahew - - -	130	...	53.8	37.1	45.5	...	...	65	28th	30	13th, 22nd	...	...	...
†Dumbarton - - -	27	29.906	53.7	39.0	46.4	+0.5	...	68	28th	35	28th	47.4	2.6	.267
ARGYLL—														
Ardtornish - - -	40	29.881	52.8	37.7	45.3	...	...	70	28th	32	13th	45.3	2.4	.249
†Lochbuie - - -	20	...	52.2	39.4	45.8	+0.8	...	67	28th	32	9th, 13th	...	...	...
§Oban - - -	23	29.914	50.1	38.7	44.4	-1.2	...	66	28th	34	10th, 22nd, 26th	45.3	2.9	.239
†Poltalloch - - -	135	...	...	...	...	...	...	...	...	...	...	...	...	...
Ardnadarn - - -	64	...	52.4	39.5	46.0	...	...	68	28th	34	22nd	...	...	...
BUTE—Rothesay - - -	160	29.777	51.6	38.7	45.2	-0.1	...	64	28th	32	7th	45.1	2.4	.246
RENFREW—														
†Greenock - - -	233	29.702	52.2	38.9	45.6	+1.1	...	66	29th	32	7th, 8th	45.6	2.9	.242
Paisley - - -	107	29.849	54.2	39.2	46.7	+1.6	...	68	29th	34	7th, 23rd	46.1	2.8	.249

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
						Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
				Amount. Day of Month.																			
...	28	inch.	inch.	inch.	18th	5	8	0	...	...	4	1	...	...	...	...	...	...	...	...	...	...	
7.7	23	3.14	...	0.40	18th	5	0	0	0	9	5	1	5	1	0	2	10	16	9	16	1	...	
7.6	21	2.34	+0.42	0.32	18th	5	4	0	1	16	6	1	3	1	0	2	11	15	14	11	3	...	
7.7	20	2.93	+0.79	0.39	9th	3	0	0	0	15	4	0	0	2	0	4	0	16	18	20	0	...	
7.3	24	2.32	+0.50	0.28	21st	5	3	0	0	10	2	0	2	2	1	1	13	13	16	11	1	...	
6.6	18	3.09	+1.17	0.53	30th	2	0	0	2	8	0	0	2	0	0	0	0	7	11	18	22	...	
6.7	19	2.61	...	0.44	30th	0	0	0	0	8	3	2	2	2	6	6	0	6	38	6	0	...	
7.1	21	4.05	+2.26	1.30	8th	3	4	1	0	12	2	0	1	1	5	0	2	11	17	8	15	...	
7.3	24	9.17	+3.86	1.85	8th	3	1	2	3	15	2	2	1	0	16	0	0	0	42	1	0	...	
7.7	24	3.99	+1.31	0.75	18th	0	5	0	0	13	2	7	4	5	1	1	7	15	16	10	1	...	
6.5	24	2.56	...	0.35	19th	2	5	0	4	11	3	1	3	3	3	1	4	19	17	7	3	...	
6.9	19	3.11	+1.63	0.76	8th	4	7	0	1	10	3	3	1	7	5	1	2	14	21	9	0	...	
7.8	21	4.52	+2.25	1.00	18th	2	4	0	3	20	0	2	1	12	0	1	2	42	2	0	0	...	
7.3	23	7.64	+3.84	1.73	18th	3	2	0	5	19	5	0	0	5	3	1	1	31	6	2	11	...	
7.4	21	3.51	+1.59	0.65	9th	4	1	0	2	16	0	1	1	3	4	1	2	8	27	5	9	...	
7.1	24	2.21	+0.94	0.51	19th	2	3	0	0	4	0	3	3	3	4	0	0	7	28	4	11	...	
7.0	19	2.24	+0.46	0.58	19th	0	0	0	0	7	2	1	0	7	0	1	3	25	4	20	0	...	
7.1	20	1.96	...	0.45	30th	0	2	0	1	9	2	1	5	6	1	2	12	7	12	9	6	...	
5.8	20	2.14	-0.09	0.48	8th	7	2	0	4	4	0	0	0	4	10	0	6	22	4	14	0	...	
5.9	18	1.86	...	0.54	8th	2	0	1	4	10	0	2	4	0	2	2	2	10	18	22	0	...	
...	17	1.62	...	0.46	8th	3	3	0	...	...	4	2	22	2	6	0	0	2	12	10	6	...	
6.0	19	2.17	+0.11	0.65	8th	3	3	0	8	6	0	2	1	3	4	6	1	6	15	14	10	...	
5.7	14	1.14	-0.95	0.28	30th	1	1	0	1	7	0	0	3	3	1	3	11	13	10	10	6	...	
6.0	11	0.68	...	0.12	3, 6, 30	2	1	0	9	14	0	3	8	2	2	4	6	14	14	10	0	...	
...	14	0.83	...	0.15	19th	0	0	0	...	...	0	1	4	2	2	8	10	10	12	12	0	...	
...	11	0.62	-1.45	0.19	2nd	1	1	0	...	...	3	3	0	2	2	4	20	4	26	2	0	...	
6.2	15	0.50	-1.26	0.17	2nd	0	0	0	1	7	3	1	0	9	7	4	2	19	14	5	0	...	
...	15	1.59	-1.49	0.38	6th	1	0	0	...	...	0	1	0	4	2	12	2	20	14	6	0	...	
...	18	0.86	...	0.13	2nd	0	0	0	...	...	1	1	3	2	11	1	4	6	29	4	0	...	
7.7	14	0.84	-1.08	0.14	4th	0	0	0	1	14	0	2	0	4	0	8	3	34	0	11	0	...	
...	14	0.77	...	0.20	3rd	0	0	0	...	...	0	1	0	2	4	2	6	26	18	2	0	...	
...	14	1.07	...	0.22	24th	0	1	0	...	...	0	1	...	...	...	...	...	...	...	...	...	...	
5.5	15	1.18	...	0.15	30th	0	1	1	7	12	0	0	4	0	0	...	...	...	...	...	...	...	
6.4	14	1.17	-0.95	0.21	4th	0	0	0	1	9	2	1	3	0	6	1	6	21	7	9	7	...	
6.7	17	1.69	-0.59	0.21	2nd	2	0	0	1	13	0	1	2	0	15	0	0	0	28	15	0	...	
...	13	4.83	+0.56	1.20	6th	...	...	...	...	...	...	...	0	20	0	2	0	14	0	24	0	...	
...	10	0.68	...	0.17	1st	0	0	0	...	...	1	0	0	12	2	2	0	18	18	8	0	...	
...	17	1.24	-0.64	0.16	4th	0	2	0	...	...	0	1	6	6	2	4	4	10	6	22	0	...	
...	14	0.81	...	0.13	19th	1	0	0	...	...	3	0	6	5	2	8	0	15	18	6	0	...	
5.9	11	0.69	...	0.12	4th	1	2	0	2	8	2	0	0	10	1	2	3	30	4	10	0	...	
6.6	13	0.91	...	0.11	7, 24, 30	1	0	0	2	12	1	0	...	...	...	...	...	...	...	...	...	...	
5.6	22	3.88	+1.16	0.57	7th	1	0	0	1	6	3	1	0	0	6	3	1	13	21	13	3	...	
6.6	21	3.47	+0.96	0.52	7th	0	0	0	2	12	0	0	0	2	4	2	0	10	24	4	14	...	
...	22	3.03	...	0.41	6th	3	4	0	...	...	0	0	0	0	0	2	10	6	26	16	0	...	
5.6	22	3.74	+1.08	0.63	6th	1	1	0	0	7	0	0	10	2	6	6	4	10	2	14	6	...	
5.8	22	7.36	...	0.93	3rd	2	5	0	3	5	0	3	0	1	11	4	2	9	27	5	1	...	
...	22	7.90	...	1.28	18th	0	4	0	...	...	0	0	8	0	0	6	2	28	8	8	0	...	
6.5	23	4.81	...	0.64	19th	1	3	0	4	11	0	0	3	1	3	0	1	4	9	28	11	...	
...	23	5.01	+2.33	0.65	3rd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.0	21	5.77	...	0.92	7th	2	1	0	2	12	0	3	1	9	1	0	3	12	14	17	3	...	
7.0	23	4.06	+1.32	0.63	3rd	1	5	0	2	11	1	2	0	12	0	0	3	7	23	15	0	...	
6.9	20	4.69	+1.23	0.62	7th	2	4	0	1	7	2	1	0	6	4	8	0	6	18	18	0	...	
5.9	17	2.74	+0.77	0.37	19th	1	0	0	4	8	1	0	5	1	8	2	2	10	20	11	1	...	

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.				
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			Maximum.	Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
AYR.—†Kilmarnock	feet.	inch.	°	°	°	°	°	°	°	°	°	°	°	inch.	%
Agricultural College -	90	...	52·9	37·6	45·3	+0·1	69	28th	28	13th	47·1	3·4	·246	766	
†Turnberry -	97	29·878	51·7	40·3	46·0	+0·8	64	28th	33	22nd	45·6	2·5	·250	822	
†Benwhat -	1177	...	...	...	...	...	...	...	...	...	...	...	...	...	
†Colmonell -	150	29·814	52·6	39·1	45·9	+0·4	68	28th	33	23rd	46·9	2·6	·261	822	
LANARK—															
Glasgow, Belvidere -	54	...	53·1	39·7	46·4	+0·6	68	29th	30	23rd	...	...	...	...	
Glasgow Observatory -	184	29·752	52·0	39·7	45·9	+1·0	66	28th, 29th	34	7th	44·8	2·6	·239	811	
*Glasgow, Springburn Park -	355	29·567	51·3	37·3	44·3	...	65	28th, 29th	33	1st, 10th, 13th	42·2	2·0	·227	855	
†Thorntonhall -	440	...	51·4	36·2	43·8	...	66	29th	30	13th, 22nd, 23rd	44·2	2·7	·232	860	
†Hamilton -	140	...	52·9	37·1	45·0	...	67	29th	29	13th	45·6	3·3	·234	777	
†Dungavel -	800	...	49·6	35·7	42·7	...	66	29th	29	13th, 21st, 29th	...	...	...	...	
†Leadhills -	1310	...	49·7	33·2	41·5	+1·6	68	29th	21	8th	41·2	2·2	·213	888	
LINLITHGOW—															
Bangour -	584	29·311	50·4	35·9	43·2	...	61	30th	29	23rd	41·9	1·5	·235	899	
EDINBURGH—															
Edinburgh, Blackford -	441	29·463	50·9	38·3	44·6	+1·1	58	11th, 28th, 29th	32	21st	43·6	2·8	·224	799	
†Edinburgh, Liberton -	190	...	52·2	38·8	45·5	...	60	28th	32	10th	45·4	3·0	·238	799	
†Edinburgh, Univ. -	227	...	52·8	39·8	46·3	...	58	11th, 28th	34	8th	45·7	3·5	·231	755	
†Leith -	76	29·867	51·5	40·1	45·8	+0·6	59	11th	34	21st	46·9	3·2	·249	799	
Dalkeith -	190	...	53·0	38·0	45·5	-0·3	62	28th	32	7th	...	...	...	...	
HADDINGTON—															
†Smeaton -	100	...	53·8	38·0	45·9	-0·4	61	11th	31	23rd	...	...	...	...	
BERWICK—															
Marchmont -	500	29·422	51·7	35·3	43·5	-0·3	65	29th	27	21st	43·4	3·1	·217	777	
Duns -	500	...	52·0	35·9	44·0	-0·1	65	29th	31	21st	...	...	...	...	
PEEBLES—															
†West Linton -	770	...	50·6	35·5	43·1	...	67	29th	28	13th	43·6	2·1	·239	844	
Glen -	750	...	51·1	36·6	43·9	+1·6	72	29th	29	10th, 13th, 29th	...	...	...	...	
ROXBURGH—															
†Kelso (Broomlands) -	205	...	54·2	37·1	45·7	+0·7	70	29th	29	21st	46·1	3·5	·235	766	
Wolfelee -	537	...	52·2	34·8	43·5	+0·3	67	29th, 30th	25	13th	43·1	2·8	·220	799	
DUMFRIES—															
Eskdalemuir -	778	29·125	49·8	33·4	41·6	...	64	29th	25	14th	41·8	2·5	·215	811	
Drumlanrig -	191	...	53·7	36·3	45·0	+1·0	69	28th	29	17th	...	...	...	...	
Dumfries -	155	29·833	52·7	38·3	45·5	-0·5	67	28th, 29th	31	6th	44·8	2·8	·235	799	
Comlongon -	74	29·917	53·2	36·8	45·0	...	67	28th	28	10th, 13th	45·1	2·1	·252	844	
KIRKCUDBRIGHT—															
Cargen -	85	29·914	53·6	37·3	45·5	+0·2	68	28th, 29th	31	10th	...	...	...	...	
Cally -	120	...	54·0	36·6	45·3	-0·5	67	29th	29	21st	46·2	2·5	·257	888	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

BRIGHT SUNSHINE.

APRIL 1915.				APRIL 1915.			
Total Observed.		Difference from Average.	Percentage of Possible.	Total Observed.		Difference from Average.	Percentage of Possible.
Hours.		Hours.	%	Hours.		Hours.	%
Baltasound -	84	...	19	St Andrews -	154	...	37
Deerness -	76	-73	18	Oban -	148	...	35
Strathpeffer -	115	-27	27	Helensburgh -	128	...	30
Stornoway -	118	-41	28	Cardross (Kilmahew) -	146	...	35
Castlebay (Barra) -	154	...	36	Rothsay -	152	...	36
Fortrose -	129	...	30	Paisley -	146	+ 2	35
Inverness -	100	...	24	Glasgow Observatory -	140	+12	33
Fort Augustus -	107	- 9	25	Do., Springburn Park -	152	...	36
Nairn -	123	...	29	Thorntonhall -	144	...	34
Gordon Castle -	121	...	29	Kilmarnock -	165	...	39
Banff -	116	...	27	Turnberry -	174	...	42
Carrbridge -	154	...	36	Edinburgh -	154	+12	37
Aberdeen (King's Col.) -	151	- 4	36	West Linton -	133	...	32
Crathes -	141	...	33	Marchmont -	170	+29	40
Stonehaven -	151	...	36	Duns -	148	...	35
Carnoustie -	163	...	39	Eskdalemuir -	153	...	37
Balruddery -	155	...	37	Dumfries -	167	...	40
Perth -	181	...	43	Comlongon -	158	...	38



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.								
						Number of Days with							Number of Observations at 9 a.m. and 9 p.m.								
Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
				Amount.	Day of Month.																
6·7	20	2·76	inch.	0·57	7th	0	4	1	2	15	0	2	0	4	6	2	6	16	20	6	0
6·9	20	1·99	+0·04	0·32	3rd	0	1	1	3	11	2	1	10	6	0	0	6	16	20	2	0
...	17	3·69	...	0·75	3rd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6·2	22	2·89	+0·57	0·42	6th	0	3	0	4	12	3	1	2	2	4	2	2	6	28	12	2
...	22	2·15	+0·27	0·33	3rd	0	0	0	...	...	0	0	1	3	9	1	4	10	19	7	6
7·3	20	2·18	+0·05	0·34	3rd	2	0	0	1	16	0	0	0	4	8	0	3	14	21	10	0
6·7	23	2·26	...	0·47	3rd	0	6	0	1	14	0	3	0	5	8	1	2	23	19	2	0
6·5	20	1·88	...	0·30	19th	1	0	0	3	10	0	0	0	10	2	2	0	24	8	14	0
6·3	17	2·43	...	0·38	8th	1	0	0	0	10	0	0	0	0	10	8	0	10	0	32	0
...	20	3·80	...	0·70	19th	6	1	0	...	...	1	1	6	0	12	0	0	8	26	8	0
...	18	4·65	...	0·91	8th	0	0	0	...	...	1	0	6	4	4	0	14	4	4	12	12
6·8	20	1·57	...	0·23	7th	2	1	0	0	8	3	1	0	1	11	1	0	7	17	23	0
5·6	15	1·28	- 0·23	0·23	7th	1	1	0	1	6	4	0	0	5	3	3	1	17	24	3	4
7·0	18	1·37	...	0·28	7th	1	1	0	1	15	4	2	0	2	12	0	2	4	38	2	0
...	17	1·23	- 0·26	0·20	7th	1	2	0	...	...	2	1	...	...	...	...	...	...	...	...	...
6·2	20	1·17	- 0·59	0·21	30th	1	1	0	8	15	0	0	0	4	10	0	0	14	28	4	0
5·3	15	0·94	...	0·20	3rd	1	0	0	5	9	0	1	3	9	0	3	1	17	14	13	0
7·8	13	0·77	- 0·74	0·13	21st	0	0	0	4	20	0	3	0	4	0	16	0	4	8	28	0
5·2	9	0·56	- 1·70	0·10	21st	2	0	0	6	8	0	0	2	4	9	3	4	10	24	4	0
...	11	0·46	- 1·72	0·12	30th	2	0	0	...	...	0	0	3	5	0	6	4	35	3	4	0
6·8	20	2·31	...	0·42	7th	2	1	1	2	14	4	1	0	4	6	4	6	14	14	12	0
5·4	15	2·49	...	0·63	7th	1	0	0	1	6	1	2	3	3	8	0	3	10	23	10	0
7·0	16	0·61	- 1·11	0·10	4th	0	2	0	0	4	0	0	2	0	10	0	2	18	28	0	0
6·6	18	1·73	- 0·71	0·32	2nd	1	1	1	0	7	0	0	2	7	2	0	2	12	18	17	0
7·0	17	3·54	...	0·67	19th	1	3	0	2	11	1	2	4	8	1	0	5	18	13	7	4
...	15	2·88	+0·39	0·50	6th	0	2	0	...	...	2	1	8	4	6	8	6	1	14	9	4
5·9	16	2·31	+0·06	0·39	19th	0	1	0	2	7	0	1	1	8	2	1	2	14	16	16	0
6·1	13	2·08	...	0·44	19th	1	0	0	2	11	0	1	0	11	0	4	1	29	0	10	5
...	19	3·40	+0·94	0·60	19th	1	2	0	...	...	0	0	0	1	12	0	6	17	10	14	0
5·7	17	3·70	+0·87	0·94	3rd	0	3	0	4	6	0	0	1	9	1	5	0	18	2	24	0

EARTH TEMPERATURE.

APRIL 1915.				1 ft.	4 ft.	12 ft.
				°	°	°
Baltasound	-	-	-	41·0	...	...
Dunrobin,	-	-	-	44·2	...	...
Inverness	-	-	-	43·4	...	...
Aberdeen	-	-	-	...	43·2	...
Crathes	-	-	-	43·1	41·5	...
Arbroath	-	-	-	...	...	...
St. Andrews	-	-	-	43·9	42·3	...
Rothsay	-	-	-	45·1	44·3	...
Paisley	-	-	-	46·1	44·4	...
Edinburgh (University)	-	-	-	43·8	42·8	46·0
Smeaton	-	-	-	45·1	...	...
Dumfries,	-	-	-	44·1	43·4	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.			
			Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.		
				A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.
			Maximum.	Minimum.										
SHETLAND—	feet.	inch.	°	°	°	°	°		°		°	°	inch.	
†Baltasound - - -	31	...	49·7	38·9	44·3	...	69	24th	31	1st	...	...	...	
*Lerwick - - -	59	30·006	48·4	38·6	43·5	-1·7	61	24th	32	13th	43·0	2·1	·232	
ORKNEY—														
Deerness - - -	163	29·909	50·2	39·5	44·9	-1·5	66	24th	31	12th	44·7	2·9	·233	
†Kirkwall - - -	72	30·006	52·0	39·3	45·7	-2·3	70	24th	30	12th	47·0	2·9	·255	
CAITHNESS—														
*Wick - - -	94	29·988	49·0	38·4	43·7	-3·6	63	24th	28	14th	43·7	1·4	·254	
SUTHERLAND—														
Dunrobin - - -	16	...	52·0	37·6	44·8	-3·4	69	24th	28	12th, 14th	45·7	2·8	·245	
ROSS & CROMARTY—														
†Fortrose - - -	69	...	56·2	39·0	47·6	...	68	24th	30	13th	49·1	3·9	·258	
Strathpeffer - - -	210	29·848	57·4	38·8	48·1	-0·1	76	24th	28	14th	47·3	4·1	·234	
Glencarron - - -	504	29·539	55·3	36·8	46·1	-1·9	76	24th	25	13th	46·8	4·3	·226	
*Stornoway - - -	52	30·046	52·7	39·8	46·3	-1·0	64	22nd, 24th	30	13th	45·0	2·0	·253	
INVERNESS—														
*Castlebay - - -	48	30·033	52·3	42·7	47·5	-1·4	67	24th	35	2nd, 12th, 13th	46·7	2·1	·270	
Inverness - - -	114	29·971	55·6	40·1	47·9	-1·3	69	24th	29	13th	47·9	3·8	·246	
Fort-Augustus - - -	73	30·008	56·6	38·3	47·5	-1·9	78	24th	27	3rd, 13th	48·2	3·0	·265	
Fort-William - - -	38	30·040	60·1	38·2	49·2	-0·8	80	24th	28	13th, 14th	49·3	4·8	·242	
Kingussie - - -	828	29·185	56·0	34·6	45·3	-1·6	77	23rd, 24th	21	13th	46·7	4·5	·221	
NAIRN—§Nairn - - -	82	29·999	55·4	37·9	46·7	-2·3	69	22nd, 23rd, 24th	27	3rd	47·7	3·8	·245	
ELGIN OR MORAY—														
Gordon Castle - - -	107	29·984	56·0	38·5	47·3	-1·5	80	24th	30	3rd, 19th	46·4	2·3	·262	
BANFF—†Banff - - -	64	30·032	53·0	39·7	46·4	...	74	24th	29	3rd	47·7	2·2	·279	
ABERDEEN—														
Braemar - - -	1114	28·900	54·2	32·9	43·6	-2·5	74	23rd	20	14th	45·0	4·0	·214	
†Balmoral - - -	927	29·097	60·1	33·0	46·6	0·0	74	23rd, 27th	21	14th	45·1	1·7	·261	
†Logie Coldstone - - -	608	...	55·1	35·3	45·2	-2·3	76	24th	24	9th	...	...	...	
Loanhead - - -	747	29·287	55·9	36·1	46·0	-1·3	78	24th	25	3rd	46·3	3·0	·247	
Aberdeen, King's Coll. - - -	88	30·008	50·7	39·2	45·0	-3·3	67	24th	31	14th	45·7	3·5	·231	
KINCARDINE—														
†Crathes - - -	145	29·945	56·3	36·6	46·5	-1·4	73	24th	26	14th	49·6	3·6	·269	
†Stonehaven - - -	86	...	...	...	...	...	...	...	...	...	...	...	...	
FORFAR—														
†Montrose - - -	200	...	52·2	38·4	45·3	-2·8	66	24th	28	3rd, 13th	...	...	...	
Arbroath - - -	70	30·039	53·1	39·9	46·5	-2·2	63	24th	26	13th	46·7	3·2	·247	
†Lednathie - - -	720	...	54·6	35·9	45·3	-1·8	72	21st, 22nd, 24th	21	13th	...	...	...	
†Carnoustie - - -	39	...	52·2	39·4	45·8	...	62	31st	30	3rd, 13th	...	...	...	
Dundee, E. Necropolis - - -	164	29·922	55·0	38·3	46·7	-2·6	69	24th	30	3rd, 14th	46·1	2·0	·266	
†Dundee Harbour - - -	20	...	54·7	42·2	48·5	-1·8	68	24th	34	14th	...	...	...	
Balruddery - - -	276	...	56·9	36·9	46·9	-2·4	73	24th	28	3rd	...	...	...	
†Kettins - - -	218	...	55·9	36·0	46·0	...	73	22nd	25	3rd	49·3	4·5	·248	
PERTH—														
Perth - - -	82	30·010	57·9	37·4	47·7	-1·9	75	22nd, 23rd	26	14th	48·2	3·6	·253	
Crieff - - -	436	29·627	57·3	37·5	47·4	-2·7	74	23rd	28	13th, 14th	47·1	3·6	·242	
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	
FIFE—														
†St Andrews - - -	20	...	53·9	38·2	46·1	...	65	20th	28	3rd	...	...	...	
†Cupar - - -	210	...	54·1	38·1	46·1	-3·0	71	23rd	28	10th	...	...	...	
†Colinsburgh - - -	147	...	56·9	40·0	48·8	-1·0	70	23rd	32	4th, 14th, 15th	49·5	3·6	·269	
Lathallan - - -	522	29·522	52·1	37·5	44·8	...	65	22nd	30	3rd, 14th	44·5	2·5	·238	
†Kirkcaldy - - -	100	29·995	55·4	41·3	48·4	...	67	24th	31	14th	48·7	3·8	·255	
STIRLING—Buchlyvie - - -	125	29·953	61·0	37·5	49·3	0·0	78	23rd	27	15th	49·0	3·6	·263	
DUMBARTON—														
†Helensburgh - - -	18	...	59·9	40·4	50·2	+0·1	76	23rd	28	15th	...	...	...	
†Kilmahew - - -	130	...	59·3	39·2	49·3	...	75	23rd, 24th	27	15th	...	...	...	
†Dumbarton - - -	27	30·057	60·7	42·1	51·4	+1·1	78	23rd	31	15th	52·0	4·5	·277	
ARGYLL—														
Ardtornish - - -	40	30·036	59·7	38·7	49·2	...	76	23rd, 24th	27	13th	50·3	4·5	·258	
†Lochbuie - - -	20	...	59·1	41·0	50·1	+0·1	76	24th	29	15th	...	...	...	
§Oban - - -	23	30·062	57·7	40·0	48·9	-1·1	74	24th, 25th	31	15th	50·6	5·5	·242	
†Poltalloch - - -	135	...	...	...	...	...	...	...	...	...	...	...	...	
Ardnamadam - - -	64	...	...	...	...	...	...	...	...	...	...	...	...	
BUTE—Rothsay - - -	160	29·922	57·1	41·5	49·3	-0·6	73	23rd, 24th	33	15th	48·9	4·1	·252	
RENFREW—														
†Greenock - - -	233	29·831	59·4	41·5	50·5	+1·2	74	23rd	31	15th	49·4	4·3	·253	
Paisley - - -	107	29·973	60·5	41·4	51·0	+0·3	77	23rd	31	15th	50·2	4·2	·263	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.										
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.										
				Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale	N	NE	E	SE	S	SW	W	NW	Calm or Variable.			
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																				
...	20	1.43	...	0.27	14th	5	4	1	...	...	1	1	...	18	7	4	1	13	7	2	7	...	...	...
6.5	17	1.46	...	0.28	31st	6	1	0	0	4	7	0	...	18	7	4	1	13	7	2	7	...	...	...
6.6	11	0.57	-1.35	0.15	30th	5	6	0	1	12	4	0	...	15	5	3	11	6	3	2	14	...	...	...
6.0	10	0.74	-1.05	0.18	14th	1	0	0	0	2	1	0	...	10	10	2	2	10	10	4	14	...	...	...
7.3	11	0.51	-1.36	0.16	14th	5	5	0	1	14	6	0	...	5	10	2	8	9	5	5	14	...	...	...
4.2	9	1.08	-0.81	0.36	10th	2	1	0	8	3	0	0	...	1	7	8	15	1	2	1	7	20	...	...
5.7	11	1.12	...	0.25	10th	3	0	0	1	8	0	0	...	4	0	14	10	2	4	14	8	6	...	...
5.8	10	0.67	-1.41	0.17	10th	0	3	0	4	7	0	0	...	2	6	13	3	2	8	5	3	20	...	...
5.0	13	1.31	-3.19	0.28	31st	3	3	0	9	10	0	0	...	15	2	30	1	2	1	9	0	2	...	...
5.5	15	1.18	-1.27	0.24	31st	2	2	0	2	6	0	0	...	11	23	4	5	7	4	2	3	3	...	...
4.7	12	1.38	...	0.28	11th	1	2	0	7	6	3	0	...	14	10	7	10	4	1	3	10	3	...	...
5.4	11	1.15	-0.65	0.27	10th	1	1	0	4	3	2	0	...	2	16	24	0	3	7	5	5	0	...	...
5.1	9	0.81	-1.49	0.20	11th	2	2	0	4	8	0	0	...	4	40	2	1	2	8	4	1	0	...	...
5.2	10	1.05	-2.71	0.56	31st	0	0	0	7	9	2	0	...	1	19	7	4	2	7	2	0	20	...	...
6.1	13	0.78	-0.99	0.20	11th	2	0	0	3	11	0	0	...	8	10	10	1	3	3	14	5	8	...	...
6.0	16	1.26	-0.41	0.28	11th	4	3	0	2	2	0	0	...	6	10	23	0	1	1	3	1	17	...	...
7.1	14	1.26	-0.78	0.25	11th	4	2	0	1	13	1	0	...	2	19	0	17	0	8	4	12	0	...	...
6.2	11	0.59	...	0.22	11th	1	5	0	3	9	0	0	...	16	14	2	5	12	2	3	6	2	...	...
4.8	9	0.82	-1.48	0.35	11th	5	0	1	5	4	0	0	...	4	8	14	8	16	8	2	2	0	...	...
5.4	12	1.25	...	0.34	6th	2	0	1	6	10	0	0	...	8	4	4	2	0	18	18	8	0	...	...
...	15	1.08	...	0.20	11th	4	5	1	...	...	0	0	...	6	2	20	4	10	2	8	4	6	...	...
7.1	13	0.76	-1.39	0.20	11th	4	5	1	2	14	0	0	...	6	8	7	5	0	3	4	17	12	...	...
5.4	12	0.87	-1.27	0.20	11th	3	5	0	4	5	2	0	...	9	8	7	9	9	3	2	7	8	...	...
6.7	15	0.96	...	0.27	14th	1	5	1	5	16	0	0	...	8	14	6	16	4	2	0	10	2	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	11	0.89	-0.99	0.41	14th	3	2	1	...	...	2	0	...	20	2	14	0	18	0	4	4	0	...	...
6.2	11	1.30	-0.55	0.43	14th	3	5	0	3	9	2	0	...	6	24	11	13	2	1	1	4	0	...	...
...	8	0.98	-1.60	0.37	11th	2	0	1	...	...	0	0	...	6	12	8	22	0	0	6	8	0	...	...
5.0	13	0.97	...	0.29	11th	0	0	0	3	4	0	0	...	8	3	27	11	8	1	3	1	0	...	...
6.9	12	0.96	-0.91	0.22	11th	0	3	0	3	14	0	0	...	0	16	4	28	2	5	0	7	0	...	...
...	12	1.27	...	0.26	11th	0	0	0	...	...	0	0	...	2	12	20	14	0	6	2	6	0	...	...
5.4	13	0.90	...	0.24	11th	1	3	0	2	4	0	0	...	...	...	...	...	...	...	...	...	...	...	...
5.0	12	1.30	...	0.31	11th	2	2	0	8	10	0	0	...	6	6	6	2	0	4	14	6	18	...	...
6.0	9	1.38	-0.82	0.44	11th	1	1	0	3	9	0	0	...	3	2	15	16	11	11	1	3	0	...	...
6.9	12	1.69	-0.66	0.53	11th	2	1	0	3	15	0	0	...	0	6	38	0	5	0	12	1	0	...	...
...	7	1.85	-2.06	0.70	11th	...	...	...	...	...	...	...	...	0	32	2	10	0	12	0	6	0	...	...
...	11	0.85	...	0.34	11th	0	0	0	...	...	0	0	...	0	34	6	8	0	6	0	8	0	...	...
...	15	1.58	-0.31	0.40	11th	2	2	0	...	...	0	0	...	2	12	22	8	2	6	6	4	0	...	...
...	11	0.89	...	0.40	11th	0	0	0	...	...	6	0	...	1	14	26	12	2	1	5	1	0	...	...
5.6	10	1.00	...	0.40	11th	2	2	0	6	10	2	0	...	3	25	16	8	1	3	1	5	0	...	...
5.3	9	1.38	...	0.50	11th	1	0	0	7	8	3	0	...	...	...	...	...	...	...	...	...	...	...	...
5.7	13	1.61	-1.17	0.56	28th	1	3	0	6	6	4	0	...	0	3	36	7	0	1	4	5	6	...	...
5.8	8	0.99	-1.76	0.30	11th	1	0	0	6	9	0	0	...	0	8	8	0	4	4	8	0	30	...	...
...	9	1.50	...	0.57	11th	1	2	0	...	...	0	0	...	0	2	28	0	0	0	0	10	22	...	...
...	10	1.39	-1.33	0.56	11th	0	1	0	...	...	0	0	...	4	14	10	8	4	2	2	10	8	...	...
...	8	1.25	...	0.35	19th	0	1	0	...	...	0	0	...	5	8	17	13	7	4	4	4	0	...	...
...	8	1.42	...	0.35	31st	1	0	0	...	...	0	0	...	12	32	0	0	8	6	2	2	0	...	...
4.3	4	0.47	...	0.28	11th	0	1	0	12	7	0	0	...	17	5	20	3	0	4	2	4	7	...	...
...	7	1.03	-1.56	0.51	11th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	8	2.01	...	0.57	11th	1	0	0	...	...	0	0	...	...	...	...	...	...	...	...	...	...	...	...
5.8	9	1.29	-1.41	0.62	11th	0	1	0	3	6	0	0	...	5	27	8	1	2	3	6	10	0	...	...
5.7	9	1.35	-1.88	0.55	11th	1	1	0	1	2	0	0	...	0	14	7	18	0	3	7	13	0	...	...
5.9	8	1.40	-0.77	0.57	11th	0	2	0	6	9	0	0	...	6	4	21	11	1	0	4	7	8	...	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.		Mean of				Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
				A. Maximum.	B. Minimum.	Mean of A and B.	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
AYR.—†Kilmarnock	feet.	inch.	°	°	°	°	°	°				°	°	inch.	%
Agricultural College	90	...	59·6	39·1	49·4	-0·8	77	23rd	25	15th	52·7	5·4	·266	67	
†Turnberry - - -	97	29·982	57·4	42·0	49·7	+0·5	70	24th	30	13th	50·1	4·6	·254	70	
†Benwhat - - -	1177	...	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell - - -	150	29·920	59·2	39·3	49·3	-0·5	73	23rd	26	13th	52·1	4·0	·288	74	
LANARK—															
Glasgow, Belvidere -	54	...	59·3	40·9	50·1	-0·3	76	23rd	32	15th	...	...	...	...	
Glasgow Observatory -	184	29·879	58·1	41·6	49·9	-0·1	75	23rd	32	15th	48·9	4·3	·248	72	
*Glasgow, Springburn Park - - -	355	29·699	57·7	39·3	48·5	...	74	23rd	31	4th, 15th	45·2	2·7	·241	81	
†Thorntonhall - - -	440	...	57·7	36·9	47·3	...	73	23rd, 24th	25	15th	49·2	4·3	·251	71	
†Hamilton - - -	140	...	58·5	38·5	48·5	...	75	23rd	26	15th	50·7	4·8	·257	69	
†Dungavel - - -	800	...	56·6	36·8	46·7	...	73	23rd, 25th	24	15th	48·3	4·1	·245	72	
†Leadhills - - -	1310	...	56·4	35·5	46·0	+0·4	73	25th	24	13th	46·5	3·8	·232	74	
LINLITHGOW—															
Bangour - - -	584	29·448	54·4	37·2	45·8	...	69	22nd	26	4th	45·5	2·2	·255	84	
EDINBURGH—															
Edinburgh, Blackford	441	29·617	53·4	39·6	46·5	-1·5	65	22nd, 24th	32	4th, 13th, 15th	46·1	3·2	·241	77	
†Edinburgh, Liberton -	190	...	55·0	39·2	47·1	...	66	22nd, 23rd, 24th	28	4th, 10th	48·2	3·6	·253	76	
†Edinburgh, Univ. - -	227	...	55·2	41·9	48·6	...	66	23rd	34	13th	48·2	4·1	·243	73	
†Leith - - -	76	30·026	54·4	40·7	47·6	-1·9	63	20th, 28th	30	10th	49·2	3·5	·268	76	
Dalkeith - - -	190	...	56·2	39·5	47·9	-1·5	71	23rd	27	10th	...	...	...	...	
HADDINGTON—															
†Smeaton - - -	100	...	55·7	40·0	47·9	-2·6	70	24th	31	4th, 13th, 15th	...	...	...	...	
BERWICK—															
Marchmont - - -	500	29·563	55·5	38·1	46·8	-1·3	69	21st	28	13th	46·1	2·8	·249	80	
Duns - - -	500	...	56·0	38·6	47·3	-0·9	69	21st	28	13th	...	...	...	...	
PEEBLES—															
†West Linton - - -	770	...	56·5	35·2	45·9	...	72	23rd	23	13th	49·4	4·0	·259	73	
Glen - - -	750	...	57·0	36·5	46·8	-1·0	78	25th	22	13th	...	...	...	...	
ROXBURGH—															
†Kelso (Broomlands) -	205	...	58·4	38·4	48·4	-1·1	72	25th	28	13th	48·5	3·5	·259	76	
Wolfelee - - -	537	...	57·8	35·2	46·5	-2·5	73	25th	22	13th	45·8	2·8	·246	80	
DUMFRIES—															
Eskdalemuir - - -	778	29·232	55·9	35·2	45·6	...	73	25th	23	15th	45·3	3·4	·229	75	
†Drumlanrig - - -	191	...	60·1	38·4	49·3	-0·4	77	23rd	26	13th, 15th	...	...	...	...	
Dumfries - - -	155	29·923	59·7	40·2	50·0	-1·4	77	25th	30	15th	49·2	4·1	·255	73	
Comlongon - - -	74	30·023	60·6	39·1	49·9	...	79	25th	27	15th	48·6	3·2	·267	78	
KIRKCUDBRIGHT—															
Cargen - - -	85	30·004	60·4	39·1	49·8	-0·7	78	23rd	28	13th, 14th, 15th	...	...	...	...	
Cally - - -	120	...	59·5	39·5	49·5	-0·9	76	23rd	26	15th	49·9	3·4	·277	78	

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

MAY 1915.				MAY 1915.			
Total Observed.		Difference from Average.	Percentage of Possible.	Total Observed.		Difference from Average.	Percentage of Possible.
Hours.		Hours.	%	Hours.		Hours.	%
Baltasound - - -	223	...	42	St Andrews - - -	193	...	39
Deerness - - -	222	+43	43	Oban - - -	272	...	54
Strathpeffer - - -	200	+29	39	Helensburgh - - -	240	...	48
Stornoway - - -	230	+37	45	Cardross (Kilmahew)	227	...	46
Castlebay (Barra) -	293	...	58	Rothsay - - -	252	...	51
Fortrose - - -	220	...	43	Paisley - - -	209	+39	42
Inverness - - -	176	...	35	Glasgow Observatory	211	+46	42
Fort-Augustus - - -	184	+48	36	Do., Springburn Park	236	...	47
Nairn - - -	211	...	42	Thorntonhall - - -	204	...	41
Gordon Castle - - -	200	...	39	Kilmarnock - - -	223	...	45
Banff - - -	226	...	45	Turnberry - - -	261	...	53
Carrbridge - - -	198	...	39	Edinburgh - - -	193	+27	39
Aberdeen (King's Col.)	214	+25	42	West Linton - - -	190	...	38
Crathes - - -	185	...	37	Marchmont - - -	201	+22	40
Stonehaven - - -	...	...	...	Duns - - -	182	...	37
Carnoustie - - -	215	...	43	Eskdalemuir - - -	202	...	41
Balruddery - - -	206	...	41	Dumfries - - -	231	...	47
Perth - - -	208	...	42	Comlongon - - -	207	...	42



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.								
						Number of Days with								Number of Observations at 9 a.m. and 9 p.m.								
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
5.9	5	inch. 0.80	inch. ...	inch. 0.54	11th	0	0	0	6	13	0	0	4	4	24	10	0	2	10	4	4	
6.1	6	0.88	-1.24	0.67	11th	0	0	0	4	11	3	0	8	16	16	4	2	4	10	4	0	
...	4	0.95	...	0.62	11th	1	0	0	...	...	1	0	4	2	28	8	10	0	6	4	0	
5.2	6	1.04	-1.48	0.71	11th	0	0	0	9	7	2	0	6	4	16	6	0	4	12	8	6	
...	7	1.42	-0.83	0.57	28th	0	0	0	...	...	0	0	1	15	23	2	0	5	10	2	4	
6.8	9	1.77	-0.65	0.84	28th	0	0	0	2	13	0	0	3	13	27	0	0	4	11	2	2	
6.5	7	1.38	...	0.55	28th	1	2	0	1	7	0	0	1	19	21	3	1	3	8	4	2	
6.2	5	1.13	...	0.57	11th	0	0	0	3	7	0	0	4	34	2	0	0	12	4	4	2	
5.8	4	1.23	...	0.58	11th	0	0	0	0	9	0	0	0	4	8	22	0	8	2	18	0	
...	5	1.52	...	0.79	11th	1	2	0	...	...	0	0	2	2	34	8	2	0	12	2	0	
...	7	1.69	...	0.81	11th	2	0	0	...	...	0	0	14	12	8	0	2	0	2	0	24	
6.5	7	1.72	...	0.75	11th	2	2	1	0	5	3	0	3	20	19	9	0	2	3	6	0	
5.7	10	1.34	-0.31	0.57	11th	1	0	0	3	6	4	0	3	16	15	12	1	0	7	4	4	
6.1	12	1.47	...	0.66	11th	1	0	0	5	13	4	0	4	4	22	18	0	2	6	2	4	
...	10	1.57	-0.35	0.69	11th	2	0	0	...	...	3	0	...	...	...	...	...	...	...	...	...	
5.6	9	1.53	-0.34	0.49	11th	1	0	0	7	13	0	0	2	32	16	4	0	0	4	4	0	
5.0	6	1.07	...	0.60	11th	1	0	0	8	7	0	0	8	8	8	18	6	5	4	5	0	
7.2	7	1.28	-0.48	0.63	11th	1	0	0	4	16	0	0	2	20	0	20	2	8	2	8	0	
6.3	8	1.67	-0.69	0.60	11th	1	0	1	5	14	0	0	2	3	37	0	0	2	16	2	0	
5.6	7	1.37	-0.71	0.66	11th	1	0	1	4	6	0	0	5	23	2	16	7	6	1	2	0	
5.5	5	1.17	...	0.58	11th	2	1	1	5	12	2	0	2	18	4	16	12	4	2	4	0	
5.6	7	1.53	...	0.66	11th	2	0	1	0	7	2	0	8	3	24	4	8	2	11	2	0	
6.6	9	1.27	-0.57	0.57	11th	0	0	1	0	10	0	0	4	0	40	4	2	4	8	0	0	
6.5	13	2.31	-0.17	0.53	11th	2	1	2	0	4	0	0	1	19	4	10	9	8	5	6	0	
6.0	9	1.38	...	0.75	11th	1	2	2	3	9	1	0	8	18	6	5	3	5	3	2	12	
...	6	1.37	-1.03	0.69	11th	0	0	0	...	...	0	0	0	10	16	6	4	2	4	16	4	
5.2	8	1.46	-0.86	0.46	11th	0	0	0	4	6	0	0	4	17	9	14	2	7	5	4	0	
4.8	9	1.06	...	0.42	11th	0	0	0	7	5	0	0	2	19	16	1	0	4	0	7	13	
...	8	1.59	-0.98	0.55	11th	0	0	0	...	...	1	0	1	6	31	3	4	8	3	6	0	
5.1	4	1.18	-1.74	0.73	11th	0	1	0	0	4	0	0	1	19	2	21	1	11	1	6	0	

EARTH TEMPERATURES.

MAY 1915.				1 ft.	4 ft.	12 ft.
				°	°	°
Baltasound	-	-	-	46.7	...	...
Dunrobin	-	-	-	50.4	...	...
Inverness	-	-	-	48.6	...	...
Aberdeen	-	-	-	...	45.5	...
Crathes	-	-	-	48.7	46.0	...
Arbroath	-	-	-	...	...	...
St Andrews	-	-	-	49.4	46.4	...
Rothsay	-	-	-	52.5	49.2	...
Paisley	-	-	-	51.5	47.3	...
Edinburgh (University)	-	-	-	48.7	46.9	46.4
Do. Liberton	-	-	-	50.0	...	...
Smeaton	-	-	-	51.1	...	...
Dumfries	-	-	-	52.2	49.5	...

STATIONS.	Height of Station above Sea level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.					
			A. Maximum.	B. Minimum.		Mean of A and B.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
S H E T L A N D—	feet.	inch	°	°	°	°	°	°	°	°	°	°	°	inch.	%
†Baltasound - - -	31	...	53.0	44.8	48.9	...	59	9th	39	2nd	...	...	...	...	...
*Lerwick - - -	59	29.966	52.5	44.4	48.5	-1.2	59	15th	39	2nd	48.1	2.4	.277	83	
OR K N E Y—															
Deerness - - -	163	29.860	55.5	45.6	50.6	-0.7	63	11th	40	2nd	50.0	3.0	.286	80	
†Kirkwall - - -	72	29.950	57.6	45.1	51.4	-1.5	63	10th, 16th	36	2nd	53.7	2.0	.357	87	
CA I T H N E S S—															
*Wick - - -	94	29.933	54.6	44.3	49.5	-2.7	64	12th	34	2nd	49.9	1.8	.313	88	
S U T H E R L A N D—															
Dunrobin - - -	16	...	58.5	44.7	51.6	-1.6	70	12th	37	18th	52.6	2.9	.321	80	
R O S S & C R O M A R T Y—															
†Fortrose - - -	69	...	62.8	46.7	54.8	...	75	11th	41	18th	55.7	3.7	.343	77	
Strathpeffer - - -	210	29.789	63.9	45.2	54.6	+0.5	73	12th, 16th	38	14th	55.0	4.6	.311	72	
Glencarron - - -	504	29.467	62.1	44.7	53.4	-0.4	75	16th	37	20th	53.0	5.1	.275	69	
*Stornoway - - -	52	29.958	58.2	46.8	52.5	+0.1	66	15th	41		51.3	2.1	.324	85	
I N V E R N E S S—															
*Castlebay - - -	48	29.948	58.8	49.8	54.3	+0.7	70	16th	46	1st, 11th, 22nd	53.9	2.5	.346	84	
Inverness - - -	114	29.902	63.2	47.0	55.1	+0.4	75	11th	39	14th, 19th	54.7	4.6	.306	72	
Fort-Augustus - - -	73	29.940	62.8	46.3	54.6	-0.3	73	11th, 12th	36	19th	54.2	3.5	.325	77	
Fort-William - - -	38	29.973	66.4	46.4	56.4	+1.1	78	16th	39	18th, 19th, 25th	55.5	3.9	.335	76	
Kingussie - - -	828	29.124	65.2	42.7	54.0	+0.1	79	16th	29	21st	55.0	5.6	.289	67	
N A I R N—§Nairn - - -	82	29.929	61.9	43.8	52.9	-1.8	75	11th	33	14th	54.8	4.2	.318	75	
E L G I N O R M O R A Y—															
Gordon Castle - - -	107	29.922	62.7	44.3	53.5	-1.1	74	11th	34	19th	54.3	3.7	.322	77	
B A N F F—†Banff - - -	64	29.965	58.5	45.7	52.1	...	68	7th, 11th	36	18th	54.3	3.7	.322	77	
A B E R D E E N—															
Braemar - - -	1114	28.842	63.5	41.3	52.4	-0.3	76	16th	27	18th	53.2	4.4	.293	72	
†Balmoral - - -	927	29.032	66.3	40.4	53.4	+0.2	76	11th, 12th, 18th	28	18th	53.2	2.8	.330	81	
†Logie Coldstone - - -	608	...	64.5	43.5	54.0	0.0	73	16th	29	22nd	...	...	...	...	
Loanhead - - -	747	29.221	64.7	44.5	54.6	+0.9	76	16th	33	22nd	55.6	4.0	.334	76	
Aberdeen, King's Coll. - - -	88	29.943	57.7	46.9	52.3	-1.6	71	12th	39	18th	53.3	4.0	.303	74	
K I N C A R D I N E—															
†Crathes - - -	145	29.877	64.6	44.3	54.5	+0.2	80	12th	35	18th, 22nd	58.1	5.5	.331	68	
†Stonehaven - - -	86	...	...	...	...	...	...	...	...	...	...	...	...	...	
F O R F A R—															
†Montrose - - -	200	...	61.5	45.0	53.3	-1.1	80	12th	34	22nd	...	...	...	...	
Arbroath - - -	70	29.973	61.8	47.0	54.4	-0.1	81	12th	38	18th, 19th	54.6	2.6	.353	83	
†Lednathie - - -	720	...	64.9	42.2	53.6	+0.4	77	12th	29	18th	...	...	...	...	
†Carnoustie - - -	39	...	62.2	45.7	54.0	...	80	12th	35	18th	...	...	...	...	
Dundee, E. Necropolis - - -	164	29.854	65.6	46.5	56.1	+0.4	80	12th	37	18th	55.0	2.6	.359	83	
†Dundee Harbour - - -	20	...	65.3	50.4	57.9	+1.2	76	12th	45	22nd	...	...	...	...	
Balruddery - - -	276	...	65.7	44.2	55.0	-0.7	80	12th	33	18th	...	...	...	...	
†Kettins - - -	218	...	64.4	43.1	53.8	...	79	12th	30	18th	57.0	5.5	.316	88	
P E R T H—															
Perth - - -	82	29.938	66.7	45.3	56.0	+0.1	79	12th	34	18th	55.7	3.9	.338	76	
Crieff - - -	436	29.566	65.9	45.5	55.7	-0.5	77	12th	37	18th	54.8	4.5	.311	73	
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...	
F I F E—															
†St. Andrews - - -	20	...	62.1	45.7	53.9	...	79	12th	37	19th	...	...	...	...	
†Cupar - - -	210	...	61.8	45.5	53.7	-2.0	78	12th	34	18th	...	...	...	...	
†Colinsburgh - - -	147	...	64.1	46.7	55.4	0.0	79	12th	41	18th	56.4	3.8	.350	77	
Lathallan - - -	522	29.472	60.1	44.7	52.4	...	74	12th	36	18th	52.5	3.2	.312	79	
†Kirkcaldy - - -	100	29.936	64.0	48.0	56.0	...	78	12th	40	18th	56.5	4.2	.341	74	
S T I R L I N G—Buchlyvie - - -	125	29.891	67.4	44.9	56.2	+0.8	78	16th	33	18th	55.9	3.9	.341	76	
D U M B A R T O N—															
†Helensburgh - - -	18	...	66.6	46.5	56.6	+1.2	77	16th	39	4th, 19th	...	...	...	...	
†Kilmahew - - -	130	...	65.2	45.4	55.3	...	76	16th	37	18th	...	...	...	...	
†Dumbarton - - -	27	29.995	67.4	47.7	57.6	+1.4	78	16th	41	4th, 18th	59.2	4.6	.368	73	
A R G Y L L—															
Ardtornish - - -	40	29.967	67.0	44.6	55.8	...	77	16th, 17th, 26th	35	19th, 25th	56.1	4.1	.339	74	
†Lochbuie - - -	20	...	64.1	46.5	55.3	+0.3	73	16th	37	18th	...	...	...	...	
§Oban - - -	23	29.984	63.3	46.2	54.8	-0.2	73	13th	38	18th	56.5	4.8	.328	72	
†Poltalloch - - -	135	...	65.2	47.3	56.3	+0.3	75	13th	40	18th, 19th	...	...	...	...	
Ardnadam - - -	64	...	65.0	47.1	56.1	...	78	16th	39	18th	...	...	...	...	
B U T E—Rothsay - - -	160	29.854	63.6	47.6	55.6	+0.4	74	16th	42	18th	54.5	3.9	.320	76	
R E N F R E W—															
†Greenock - - -	233	29.775	65.7	48.1	56.9	+1.9	74	16th	40	18th	55.7	4.0	.336	75	
Paisley - - -	107	29.911	66.2	48.5	57.4	+1.0	77	16th	43	18th, 19th	56.5	4.3	.338	73	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	Number of Observations at 9 a.m. and 9 p.m.								Calm or Variable.	
				Amount.	Day of Month.								N	NE	E	SE	S	SW	W	NW		
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																		
...	15	1.05	...	0.41	8th	0	0	1	...	...	2	0	...	...	...	...	...	...	...	...	...	
6.9	13	1.22	...	0.39	8th	0	0	1	0	9	7	0	7	17	4	3	7	5	6	9	2	
6.0	6	0.57	-1.28	0.24	2nd, 27th	0	0	0	4	11	7	0	4	13	10	7	5	1	8	11	1	
5.8	4	0.44	-1.22	0.20	2nd	0	0	0	1	2	5	0	8	6	12	10	2	6	8	8	0	
7.0	9	0.87	-0.94	0.51	27th	0	0	0	0	13	10	0	5	16	11	7	4	4	4	7	2	
...	8	0.46	-1.53	0.14	26th	0	0	0	...	...	0	0	0	3	0	20	1	7	4	9	16	
6.6	9	0.96	...	0.26	26th	0	0	0	4	12	4	0	0	8	6	12	18	10	0	0	6	
6.5	8	0.71	-1.37	0.21	2nd	0	0	0	5	13	0	0	1	2	16	6	1	12	5	0	17	
6.0	12	0.91	-3.13	0.19	2nd	0	0	0	8	14	0	0	8	4	29	2	0	0	15	1	1	
6.3	11	1.18	-1.26	0.31	9th	0	0	0	5	7	0	0	1	24	6	6	7	6	7	1	2	
6.0	11	1.15	...	0.39	2nd	0	0	0	5	9	1	0	5	5	8	9	6	6	7	10	4	
5.6	6	0.56	-1.31	0.19	2nd	0	0	0	6	7	4	0	3	16	16	0	4	6	8	7	0	
6.1	9	0.68	-1.31	0.19	4th	0	0	1	3	11	0	0	0	37	1	1	0	20	1	0	0	
6.4	10	1.50	-2.30	0.36	4th	0	0	1	3	12	3	0	0	18	4	0	1	17	2	0	18	
6.2	10	0.65	-1.33	0.18	4th	0	0	0	4	9	0	0	5	12	12	1	2	11	11	1	5	
6.1	11	0.65	-1.21	0.20	26th	0	0	0	2	2	1	0	1	12	19	2	1	2	9	1	13	
6.5	8	0.71	-1.36	0.30	2nd	0	0	1	3	11	0	0	10	24	2	5	4	6	1	8	0	
5.8	9	0.68	...	0.25	2nd	0	0	0	4	10	2	0	11	24	4	4	8	1	2	4	2	
4.4	6	2.22	-0.16	1.13	29th	0	0	1	8	6	0	0	0	8	22	4	2	22	0	2	0	
5.4	7	1.43	...	0.43	29th	0	0	1	7	10	0	0	0	2	4	4	2	16	28	4	0	
...	10	0.99	...	0.33	26th	0	0	1	...	...	0	0	0	8	14	12	12	6	2	4	2	
6.4	7	0.79	-1.27	0.30	26th	0	0	1	6	15	0	0	5	13	3	12	2	4	6	9	6	
5.4	9	1.42	-0.43	0.51	26th	0	0	1	7	9	2	0	6	10	10	9	9	2	0	2	12	
5.9	8	0.95	...	0.45	26th	0	0	1	9	14	1	0	12	6	6	12	8	6	2	6	2	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	7	0.69	-1.26	0.27	26th	0	0	2	...	...	4	0	10	2	4	6	20	2	16	0	0	
5.8	6	0.77	-1.08	0.43	26th	0	0	1	4	7	1	0	1	19	15	13	1	6	5	0	0	
...	5	1.02	-1.73	0.35	2nd	0	0	1	...	...	0	0	0	4	0	36	0	12	4	4	0	
...	7	1.22	...	0.58	26th	0	0	1	...	...	0	0	1	0	31	5	11	2	10	0	0	
7.2	7	1.70	-0.29	0.70	26th	0	0	1	4	13	0	0	0	8	3	30	0	7	6	6	0	
4.8	8	1.77	...	0.84	26th	0	0	1	5	3	0	0	0	8	30	0	0	10	12	0	0	
5.3	6	1.67	...	0.82	26th	0	0	1	5	6	0	0	...	...	...	...	...	...	...	...	...	
5.2	8	1.60	...	0.85	26th	0	0	1	13	13	0	0	2	4	8	4	2	0	22	2	16	
6.0	5	1.84	-0.27	1.15	26th	0	0	1	4	11	2	0	1	0	14	13	13	18	1	0	0	
7.7	8	2.08	-0.82	1.04	26th	0	0	2	2	19	0	0	1	6	34	1	2	2	12	2	0	
...	5	1.76	-2.18	1.02	26th	0	0	2	...	...	0	0	0	16	0	10	0	14	0	20	0	
...	7	1.41	...	0.97	26th	0	0	1	...	...	0	0	0	32	8	2	0	10	8	0	0	
...	8	1.42	-0.48	0.80	26th	0	0	1	...	...	0	0	0	4	22	12	0	6	10	6	0	
...	6	2.09	...	1.20	26th	0	0	1	...	...	0	0	1	11	22	4	1	7	11	0	3	
6.6	5	1.95	...	1.08	26th	0	0	1	1	11	3	0	0	18	9	7	2	15	5	1	3	
5.2	5	1.82	...	1.27	26th	0	0	1	10	12	0	0	...	...	...	...	...	...	...	...	...	
5.3	13	1.98	-1.29	1.05	26th	0	0	0	5	3	1	0	0	3	21	7	0	4	12	1	12	
5.5	7	1.99	-0.81	1.19	26th	0	0	2	6	13	0	0	4	10	6	0	0	4	4	0	32	
...	9	1.86	...	1.25	26th	0	0	2	...	...	0	0	2	12	18	4	12	2	4	0	6	
...	12	3.02	+0.32	1.26	26th	0	0	2	...	...	0	0	12	10	16	2	4	0	4	8	4	
...	10	2.83	...	1.59	29th	0	0	1	...	...	0	0	0	0	16	14	10	9	11	0	0	
...	9	2.04	...	0.66	2nd	0	0	0	...	...	0	0	8	10	2	10	14	16	0	0	0	
4.4	10	1.72	...	0.53	27th	0	0	2	10	4	0	0	8	3	5	2	1	6	4	13	18	
...	11	2.28	-0.90	0.86	26th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	10	3.09	...	1.30	26th	0	0	1	...	...	0	0	...	...	...	...	...	...	...	...	...	
6.5	14	2.70	-0.40	1.06	26th	0	0	1	2	9	2	0	0	22	5	1	3	4	13	12	0	
5.6	10	2.15	-1.29	1.15	26th	0	0	1	5	6	0	0	0	10	10	16	0	8	13	3	0	
5.6	11	2.58	+0.36	1.16	26th	0	0	3	6	9	0	0	1	2	23	3	3	6	11	1	10	

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETERS.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
AYR.—†Kilmarnock	feet.	inch.	°	°	°	°	°		°		°	°	inch.	%
Agricultural College	90	...	66.6	46.1	56.4	+0.4	75	15th	39	6th, 20th	58.6	4.3	.367	75
†Turnberry	97	29.929	62.8	47.8	55.3	+0.8	75	13th	38	18th	56.2	4.1	.340	75
†Benwhat	1177	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell	150	29.871	65.1	45.9	55.5	+0.1	72	12th, 13th	39	15th, 18th, 21st	58.3	4.4	.361	74
LANARK—														
Glasgow, Belvidere	54	...	66.1	48.3	57.2	+1.0	75	16th	37	18th	...	...	...	...
Glasgow Observatory	184	29.818	64.7	48.8	56.8	+1.0	75	16th	41	18th	55.6	4.4	.325	78
*Glasgow, Springburn Park	355	29.643	64.0	46.4	55.2	...	74	16th	37	18th	51.9	2.6	.319	88
†Thorntonhall	440	...	64.2	43.4	53.8	...	74	16th	29	18th	56.0	4.2	.335	74
†Hamilton	140	...	64.9	44.5	54.7	...	73	12th, 16th	31	18th	57.3	4.8	.336	72
†Dungavel	800	...	63.4	43.5	53.5	...	74	16th	34	18th	55.1	3.3	.343	79
†Leadhills	1310	...	62.6	42.5	52.6	+0.9	75	16th	30	18th	53.6	4.1	.304	74
LINLITHGOW—														
Bangour	584	29.397	61.3	44.7	53.0	...	72	12th	32	18th	52.9	2.3	.339	85
EDINBURGH—														
Edinburgh, Blackford	441	29.560	61.7	47.2	54.5	+0.5	74	12th	42	14th, 18th	54.2	4.2	.308	78
†Edinburgh, Liberton	190	...	63.6	46.4	55.0	...	74	12th	35	18th	56.4	4.6	.330	72
†Edinburgh, Univ.	227	...	65.2	49.4	57.3	...	75	12th	45	18th	56.4	5.3	.314	69
†Leith	76	29.962	61.9	47.9	54.9	-0.9	73	12th	40	18th	55.9	4.2	.335	74
Dalkeith	190	...	64.6	46.3	55.5	-0.3	75	12th	33	18th	...	...	...	...
HADDINGTON—														
†Smeaton	100	...	66.9	47.1	57.0	+0.3	81	12th	37	18th	...	...	...	...
BERWICK—														
Marchmont	500	29.512	62.8	45.5	54.2	+0.1	76	12th	38	18th	54.1	3.9	.314	75
Duns	500	...	62.7	45.2	54.0	-0.2	72	12th	38	18th	...	...	...	...
PEEBLES—														
†West Linton	770	...	63.4	41.7	52.6	...	72	12th, 16th	30	18th	56.0	3.9	.343	76
†Glen	750	...	64.8	43.3	54.1	-0.3	77	12th	32	18th	56.8	5.6	.312	67
ROXBURGH—														
†Kelso (Broomlands)	205	...	65.3	45.1	55.2	-0.3	78	12th	36	18th, 19th	56.7	4.4	.339	78
Wolfelee	537	...	64.1	43.1	53.6	-1.3	79	12th	30	18th	53.5	3.3	.321	78
DUMFRIES—														
Eskdalemuir	778	29.192	62.1	42.4	52.3	...	72	12th	31	18th	52.6	3.5	.306	77
†Drumlanrig	191	...	66.6	45.8	56.2	+0.4	77	12th, 16th	29	18th	...	...	...	...
Dumfries	155	29.881	65.9	47.2	56.6	-0.3	76	16th	37	18th	55.5	3.8	.338	76
Comlongon	74	29.971	66.5	46.5	56.5	...	77	16th	37	18th, 19th	56.2	4.0	.342	75
KIRKCUDBRIGHT—														
Cargen	85	29.957	67.3	46.2	56.8	+0.6	77	12th	35	18th	...	...	...	...
Cally	120	...	65.4	45.7	55.6	-0.1	75	13th	38	6th	55.3	4.5	.318	72

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

JUNE 1915.				JUNE 1915.			
Total Observed.		Difference from Average.	Percentage of Possible.	Total Observed.		Difference from Average.	Percentage of Possible.
Hours.		Hours.	%	Hours.		Hours.	%
Baltasound	168	...	30	Perth	220	...	42
Deerness	221	+67	41	St Andrews	199	...	38
Strathpeffer	206	+45	39	Oban	209	...	40
Stornoway	241	+56	45	Helensburgh	217	...	42
Castlebay (Barra)	239	...	46	Cardross (Kilmahew)	213	...	41
Fortrose	240	...	45	Rothsay	231	...	45
Inverness	183	...	35	Paisley	204	+47	40
Fort-Augustus	177	+42	34	Glasgow Observatory	216	+51	42
Nairn	234	...	44	Do., Springburn Park	227	...	44
Gordon Castle	233	...	44	Thorntonhall	203	...	39
Banff	232	...	44	Kilmarnock	228	...	44
Carrbridge	227	...	43	Turnberry	239	...	47
Aberdeen (King's Col.)	220	+33	42	Edinburgh	230	+47	45
Crathes	205	...	39	West Linton	189	...	37
Stonehaven	...	...	...	Marchmont	212	+27	41
Carnoustie	242	...	47	Duns	168	...	33
Dundee, College	...	...	...	Eskdalemuir	192	...	38
Garden	225	...	43	Dumfries	210	...	41
Balruddery	219	...	42	Comlongon	203	...	40



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
						Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
Amount.					Day of Month.																		
6.3	8	inch. 2.01	inch. ...	inch 0.76	30th	0	0	3	6	15	0	0	0	0	8	18	6	4	10	12	2	0	
6.4	7	1.09	- 1.21	0.59	4th	0	0	1	6	16	2	0	10	20	4	2	6	6	10	2	0	0	
...	10	1.21	...	0.56	4th	0	0	1	...	...	2	0	6	6	18	0	24	4	0	2	0	0	
5.4	7	1.14	- 1.43	0.58	4th	0	0	1	10	12	2	0	2	2	6	4	2	6	26	8	4	4	
...	10	1.99	- 0.56	1.15	26th	0	0	1	...	...	0	0	0	19	10	3	3	10	13	0	2	0	
6.4	8	2.08	- 0.64	1.15	26th	0	0	2	2	8	0	0	0	15	20	1	3	9	12	0	0	0	
6.2	11	2.04	...	1.14	26th	0	0	2	1	9	0	0	0	17	16	1	3	6	12	1	4	4	
6.2	10	1.60	...	0.84	26th	0	0	1	4	13	0	0	4	30	4	0	0	20	2	0	0	0	
5.6	6	1.60	...	0.92	26th	0	0	2	2	7	0	0	0	8	2	30	0	8	0	12	0	0	
...	8	1.66	...	0.60	30th	0	0	3	...	...	0	0	2	2	30	0	8	6	12	0	0	0	
...	10	2.12	...	0.69	27th	0	0	3	...	...	0	0	12	4	4	2	12	2	2	0	22	0	
6.4	7	1.71	...	0.91	26th	0	1	1	1	7	2	0	0	20	17	0	1	5	10	7	0	0	
4.9	7	1.58	- 0.33	0.99	26th	0	0	1	7	5	4	0	0	19	9	3	4	6	12	2	5	5	
6.6	8	1.73	...	1.08	26th	0	0	1	5	16	5	0	4	0	12	20	0	4	6	2	12	0	
...	7	1.69	- 0.56	1.17	26th	0	0	1	...	...	4	0	...	...	...	...	...	...	...	...	...	...	
5.2	6	1.51	- 0.49	1.07	26th	0	0	1	12	14	0	0	0	20	24	2	0	4	4	4	2	2	
...	6	1.47	...	1.05	26th	0	0	1	...	...	0	0	3	13	11	5	5	21	1	1	0	0	
7.2	7	1.67	- 0.20	0.94	26th	0	0	1	4	17	2	0	0	14	2	26	0	8	4	6	0	0	
6.2	8	1.52	- 1.00	0.69	26th	0	0	2	4	11	0	0	3	1	36	2	4	4	8	2	0	0	
5.7	5	1.51	- 0.76	0.75	26th	0	0	2	3	6	0	0	7	22	1	6	8	13	0	3	0	0	
5.9	8	1.57	...	0.72	26th	0	0	1	6	13	1	0	0	8	12	20	14	6	0	0	0	0	
...	7	0.78	...	0.40	26th	0	0	1	...	...	2	0	0	15	7	9	9	9	8	3	0	0	
6.4	10	2.34	+ 0.35	1.11	29th	0	0	1	2	7	2	0	2	2	32	4	4	14	2	0	0	0	
6.4	11	1.10	- 1.18	0.32	26th	0	0	3	0	5	0	0	1	17	3	4	1	20	6	8	0	0	
6.8	7	1.57	...	0.71	30th	0	0	3	4	14	2	0	5	18	3	1	4	14	1	2	12	0	
...	9	1.76	- 0.78	0.97	30th	0	0	4	...	...	0	0	0	6	16	10	2	6	12	0	8	8	
5.1	7	0.60	- 1.76	0.31	4th	0	0	2	8	9	0	0	0	12	7	12	1	13	7	8	0	0	
6.1	5	0.55	...	0.32	4th	0	0	5	6	13	0	0	2	14	12	2	5	14	1	2	8	8	
...	7	0.65	- 1.90	0.33	4th	0	0	4	...	...	0	0	0	0	26	1	12	15	5	1	0	0	
5.2	4	1.09	- 1.95	0.65	4th	0	0	1	3	3	0	0	0	5	2	11	5	22	1	14	0	0	

EARTH TEMPERATURE.

JUNE 1915.	1 ft.	4 ft.	12 ft.
	°	°	°
Baltasound - - - -	51.2	...	...
Dunrobin - - - -	56.5	...	...
Inverness - - - -	57.5	...	...
Aberdeen - - - -	...	50.0	...
Crathes - - - -	55.9	50.8	...
Arbroath - - - -	...	...	...
St Andrews - - - -	57.5	51.3	...
Rothesay - - - -	57.9	53.3	...
Paisley - - - -	57.1	51.2	...
Edinburgh (University) -	56.7	52.6	47.6
Do. Liberton - - - -	57.7	...	...
Smeaton - - - -	57.0	...	...
Dumfries - - - -	58.7	55.0	...

## LIST OF STATIONS AND OBSERVERS.

Station.	Observer.	Station.	Observer.
<b>SHETLAND—</b>		<b>DUMBARTON—</b>	
Baltasound - - -	T. Edmonston Saxby, L.R.C.S. Edin.	Helensburgh - - -	James N. Stirling, Water Trust.
Lerwick - - -	The Meteorological Office.	Dumbarton - - -	William Denny and Brothers.
<b>ORKNEY—</b>		Kilmahew - - -	Claud A. Allan.
Deerness - - -	M. Spence.	<b>ARGYLL—</b>	
Kirkwall - - -	A. G. Spence.	Ardnadam - - -	Rev. J. Cairns Mitchell, B.D.
<b>CAITHNESS—</b>		Ardtornish - - -	R. Brooks, for G. Craig Sellar.
Wick - - -	The Meteorological Office.	Lochbuie - - -	E. Lovesey, for the MacLaine of Lochbuie.
<b>SUTHERLAND—</b>		Oban - - -	Edwin Bailey, M.D., M.O.H.
Dunrobin - - -	D. Melville, for the Duke of Sutherland.	Poltalloch - - -	D. S. Melville, for Colonel Malcolm.
<b>ROSS AND CROMARTY—</b>		<b>BUTE—</b>	
Fortrose - - -	Archd. Thom.	Rothsay - - -	J. Davidson, for John Reid, Arden Craig.
Strathpeffer - - -	N. M'Lean, for Dr. H. W. Kaye.	<b>RENFREW—</b>	
Glencarron - - -	D. D. Munro.	Greenock - - -	D. Macalister, C.E., Water Trust.
Stornoway - - -	The Meteorological Office.	Paisley - - -	The Coats Observatory.
<b>INVERNESS—</b>		<b>AYR—</b>	
Castlebay (Barra) - - -	The Meteorological Office.	Kilmarnock (Agri- cultural College)	Prof. Berry.
Inverness - - -	W. G. MacConnachie, M.A.	Turnberry - - -	J. Richards.
Fort Augustus - - -	Rev. Cyril von Dieckhoff, O.S.B.	Benwhat - - -	A. Gillespie, C.E.
Fort William - - -	W. T. Kilgour.	Colmonell - - -	Andrew Ogg, for J. W. M'Connell of Knockdolian.
Kingussie - - -	W. de Watteville, M.D.	<b>LANARK—</b>	
<b>NAIRN—</b>		Glasgow (Belvidere Hospital)	The Medical Superintendent.
Nairn - - -	The Meteorological Office.	Glasgow (The Obser- vatory)	Prof. L. Becker, Ph.D., F.R.S.E.
<b>BANFF—</b>		Glasgow (Springburn Park)	The Meteorological Office.
Banff - - -	A. J. Leigh, B.Sc. for Dr. E. I. Spriggs.	Thorntonhall - - -	A. Henderson Bishop.
<b>ELGIN OR MORAY—</b>		Hamilton - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
Gordon Castle - - -	C. Webster, for the Duke of Richmond and Gordon, K.G.	Dungavel - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
<b>ABERDEEN—</b>		Leadhills - - -	J. M'Farlane, J.P.
Braemar - - -	A. M. Shirran.	<b>LINLITHGOW—</b>	
Balmoral - - -	J. Michie, M.V.O., and J.M. Troup.	Bangour Village - - -	D. Hendry, for John Keay, M.D.
Logie Coldstone - - -	J. B. Anderson, The School- house.	<b>EDINBURGH—</b>	
Loanhead - - -	A. Farquharson.	Edinburgh (Blackford)	Prof. R. A. Sampson, F.R.S.
Aberdeen (King's Coll.)	The Meteorological Office.	Edinburgh (Liberton)	J. Harris, for Coll. of Agri- culture.
<b>KINCARDINE—</b>		Edinburgh (University)	Prof. T. Hudson Beare, F.R.S.E.
Crathes - - -	J. Smith, J.P.	Leith - - -	J. Bolam.
<b>FORFAR—</b>		Dalkeith - - -	J. Whytock, for the Duke of Buccleuch, K.G.
Stonehaven - - -	J. Hart.	<b>HADDINGTON—</b>	
Montrose (Royal Asylum)	J. Masson.	Smeaton - - -	Sir A. Buchan-Hepburn, Bart.
Arbroath - - -	J. Campbell, for the Natural History Association.	<b>BERWICK—</b>	
Lednathie - - -	W. G. Lindsay, for P. Stor- month Darling.	Marchmont - - -	J. A. Wood.
Carnoustie - - -	D. Maxwell, C.E.	Duns - - -	P. Smith, for F. S. Hay.
Dundee (Eastern Necropolis)	J. Carnochan, Curator of Parks.	<b>PEEBLES—</b>	
Dundee Harbour - - -	J. H. Thompson, F.R.S.E.	West Linton - - -	Dr. J. Ritchie Jeffrey.
Balruddery - - -	G. Davie, for J. Martin White.	Glen - - -	Alex. Black, for Lord Glen- conner.
Kettins - - -	W. Andrew, The Schoolhouse.	<b>ROXBURGH—</b>	
<b>PERTH—</b>		Kelso (Broomlands) - - -	J. C. Scott.
Perth - - -	Henry Coates, F.R.S.E., The Museum.	Wolfelee - - -	W. Steedman, for Sir Robert Laidlaw.
Crieff - - -	Dr Meikle and G. Reid.	<b>DUMFRIES—</b>	
Stronvar - - -	G. Dickson, for J. Carnegie.	Eskdalemuir - - -	The Meteorological Office.
<b>FIFE—</b>		Drumlanrig - - -	D. Inglis, for the Duke of Buccleuch, K.G.
St Andrews - - -	W. Watson.	Dumfries - - -	C. C. Easterbrook, M.D., and E. Joss.
Cupar - - -	The Medical Superintendent, Fife and Kinross Asylum.	Comlongon - - -	A. H. Johnstone-Douglas.
Colinsburgh - - -	Rev. Robert Dick.	<b>KIRKCUDBRIGHT—</b>	
Lathallan - - -	Dr W. H. Bryce.	Cargen - - -	Colonel R. F. Dudgeon.
Kirkcaldy - - -	Rev. J. S. Begg.	Cally - - -	W. Thomson, for Colonel F. Murray Baillie.
<b>STIRLING—</b>			
Buchlyvie - - -	Rev. J. A. Macdonald.		



QUARTERLY RETURN  
OF THE  
BIRTHS, DEATHS, AND MARRIAGES  
REGISTERED IN THE  
DIVISIONS, COUNTIES, AND PUBLIC HEALTH DISTRICTS  
OF  
SCOTLAND.

---

QUARTER ENDING 30th SEPTEMBER 1915.

---

Published by Authority of the Registrar-General.

CCXLIII.

EDINBURGH:  
PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE

By J. SKINNER & Co., LTD., THISTLE STREET.

To be purchased from  
H.M. STATIONERY OFFICE (SCOTTISH BRANCH), 23 FORTH STREET, EDINBURGH.

# REPORT.

## REPORT ON THE BIRTHS, DEATHS AND MARRIAGES REGISTERED IN SCOTLAND DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

### BIRTHS.

The births of 26,797 living children were registered in Scotland during the third quarter of the year 1915. These births are 4012 fewer than in the previous quarter, 3545 fewer than in the third quarter of last year, and 4212 less than the mean of the numbers of the third quarters of the preceding ten years. In the third quarter of the year 1863 the registered births numbered 26,366, and in the fourth quarter of that year 26,587, but since then, and that is during a period of 52 years, a quarterly number of births less than that now found has not occurred in Scotland. Births during a third quarter in Scotland attained a maximum of 33,565 in 1901, and compared with that figure those of this quarter are 6768, or fully 20 per cent. less.

The birth-rate of the quarter was 22·2 per thousand, and is 3·6 less than that of the previous quarter, 3·3 less than that of the third quarter of last year, and 4·0 less than the mean of those of the third quarters of the preceding ten years. It is the lowest Scottish quarterly birth-rate since the institution of national registration in 1855. A maximum third quarterly birth-rate of 35·3 occurred in 1874, and compared with it that of this quarter is fully one-third, 37·1 per cent., less.

Of the 26,797 children whose births were registered during the quarter, 13,700 were male, and 13,097 female, the ratio of male to female children being 104·6 to 100. In the previous quarter this ratio was 103·0 to 100, and in the third quarter of last year, 103·2 to 100.

In the Divisions of the Counties the birth-rate of the quarter ranged from 24·6 in the South-Western, and 22·3 in the West-Midland, to 17·0 in the Northern, and 17·2 in the North-Western. In the North-Eastern it was 21·9; in the Southern, 20·3; in the East-Midland, 20·2; and in the South-Eastern, 19·8.

In the counties, burghs included, the quarterly birth-rate varied from 29·3 in Linlithgow, 26·5 in Kinross, 25·9 in Dumbarton, 24·9 in Lanark, and 24·1 in Ayr, to 12·4 in Bute, 14·2 in Peebles, 14·3 in Sutherland, 14·7 in Ross and Cromarty, and 15·2 in Selkirk. In 4 counties this rate was less than 15; in 10, more than 15 but less than 20; in 16 more than 20 but less than 25; and in 3 more than 25 but less than 30.

In the larger burghs, those with censal populations of more than 30,000, the collective birth-rate of the quarter was 22·3, which is 3·7 less than in the previous quarter, and 3·6 less than in the third quarter of last year. In these burghs taken individually the quarterly birth-rate ranged from 29·5 in Clydebank, 28·1 in Hamilton, 27·5 in Motherwell, and 27·2 in Greenock, to 16·3 in Edinburgh, 17·0 in Perth, and 17·8 in Kirkcaldy. In Coatbridge this rate was 26·8; in Glasgow, 23·7; in Ayr, 22·6; in Paisley, 22·3; in Falkirk, 22·3; in Leith, 22·0; in Aberdeen, 21·4; in Kilmarnock, 21·3; and in Dundee, 20·9.

In the smaller burghs, those with censal populations of less than 30,000, the collective birth-rate was 21·3, which is 4·0 less than that of the previous quarter, and 3·1 less than that of the third quarter of last year. In smaller burghs with populations of more than 10,000 taken individually the birth-rate varied from 31·4 in Irvine, 28·9 in Barrhead, 28·5 in Dumbarton, and 28·0 in Port-Glasgow, to 14·1 in Hawick, 15·5 in



TABLE I.—BIRTHS, ILLEGITIMATE BIRTHS, DEATHS, and MARRIAGES in SCOTLAND, and in the Divisions of the Counties during the Quarter ending 30th September 1915, with relative rates ; also Infantile Mortality.

	POPULATION.		TOTAL BIRTHS.		ILLEGITIMATE BIRTHS.		DEATHS.		MARRIAGES.		DEATHS OF CHILDREN OF UNDER ONE YEAR.	
	Census 1911.	Estimated to middle of 1915.	Number.	Rate per 1000 of Pop.	Number.	Per cent. of Total Births.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 Births.
SCOTLAND,.....	4760904	4780900	26797	22.2	1811	6.8	*15929	13.2	9643	8.0	2684	100
LARGER BURGHES	2245735	2345500	13209	22.3	809	6.1	8032	13.6	6395	10.8	1562	118
SMALLER BURGHES	954090	982200	4995	21.3	322	6.4	3182	13.5	1715	7.3	442	88
COUNTY DISTRICTS	1561079	1503200	8593	22.7	680	7.9	4582	12.1	1533	4.0	680	79
Northern Division,	105997	98100	419	17.0	39	9.3	345	14.0	88	3.6	25	60
North-Western Do.	164636	153400	646	16.7	64	9.9	520	13.4	142	3.7	37	57
North-Eastern Do.	467333	450300	2481	21.9	307	12.4	1596	14.1	341	7.4	280	113
East-Midland Do.	712146	704000	3590	20.2	264	7.4	2295	12.9	1254	7.1	361	101
West-Midland Do.	386312	382400	2152	22.3	125	5.8	1189	12.3	543	5.6	167	78
South-Western Do.	2033521	2108700	13082	24.6	671	5.1	7094	13.3	4888	9.2	1407	108
South-Eastern Do.	700577	705100	3511	19.8	242	6.9	2169	12.2	1664	9.4	233	95
Southern Do.	190382	178900	916	20.3	99	10.8	588	13.0	223	4.9	74	81

\* Including 133 unallocated deaths. (See page 34.)

Galashiels, 15.8 in Forfar, 17.7 in Arbroath, and 18.0 in Grangemouth. There are 27 smaller burghs with populations of over 10,000, and in 7 of them this rate was less than 20, in 12 it was more than 20 but less than 25, in 7 it was more than 25 but less than 30, and in 1 it was more than 30.

In the county, or extraburghal, districts the collective birth-rate was 22.7 per thousand, which is 3.2 less than that of the previous quarter, and 2.8 less than that of the third quarter of last year. In county districts with populations of more than 10,000, taken individually this rate varied from 34.8 in Bathgate District of Linlithgow, 30.1 in Middle Ward District of Lanark, 29.7 in Dunfermline District of Fife, and 28.3 in Calder District of Midlothian, to 13.3 in Lews District of Ross and Cromarty, 14.1 in Skye District of Inverness, 14.2 in County District of Sutherland, and 14.8 in Western District of Stirling. There are 51 of these districts, and in 24 of them this rate was less than 20; in 11, more than 20 but less than 25; in 14, more than 25 but less than 30; and in 2, more than 30.

Of the 26,797 children registered, 24,986, or 93.2 per cent., were legitimate, while 1811, or 6.8 per cent., were illegitimate. Compared with the numbers in the previous quarter, the legitimate children are 3664 fewer, and the illegitimate children, 348 fewer. Compared with the numbers in the third quarter of last year, the legitimate children are 3195 fewer, and the illegitimate children, 350 fewer. The illegitimate rate, the percentage of the total births constituted by the illegitimate births, which of necessity is influenced by the number of legitimate children, is 0.2 less than that of the previous quarter, and 0.3 less than that of the corresponding quarter of last year.

In the larger burghs the collective illegitimate rate was 6.1; in the smaller burghs, 6.4; and in the county districts, 7.9. In the Divisions of the Counties this rate varied from 12.4 in the North-Eastern, and 10.8

in the Southern, to 5.1 in the South-Western, and 5.8 in the West-Midland. In the North-Western it was 9.9; in the Northern, 9.3; in the East-Midland, 7.4; and in the South-Eastern, 6.9.

In the counties, burghs included, the illegitimate rate of the quarter ranged from 19.6 per cent. in Nairn, 18.6 in Wigtown, 16.8 in Elgin, and 15.5 in Banff, to 0 in Peebles, 1.9 in Bute, 4.3 in Dumbarton, 4.7 in Linlithgow, and 4.8 in Ayr and in Renfrew. In 4 counties this rate exceeded 15; in 7 it was more than 10 but less than 15; in 16, more than 5 but less than 10; and in 6, less than 5.

In the larger burghs this rate ranged from 8.5 in Dundee and 8.3 in Edinburgh, in Aberdeen and in Falkirk, to 1.5 in Kilmarnock, 2.7 in Clydebank, and 3.5 in Motherwell. In Perth it was 7.9; in Kirkcaldy, 7.7; in Paisley, 5.9; in Leith, 5.8; in Glasgow, 5.7; in Ayr, 5.2; in Coatbridge, 4.4; in Hamilton, 4.4; and in Greenock, 4.3.

In the smaller burghs with populations of over 10,000 this rate ranged from 15.8 in Dumfries, 12.5 in Montrose, 10.9 in Galashiels, and 10.6 in Inverness, to 1.9 in Wishaw, 2.1 in Rutherglen, 2.3 in Renfrew, and 2.5 in Forfar. In 13 of these burghs this rate was less than 5 per cent.; in 10, more than 5 but less than 10; in 3, more than 10 but less than 15; and in 1 it was over 15.

In the county, or extraburghal, districts with populations of more than 10,000 this rate ranged from 25.5 in Rhins District of Wigtown, 21.2 in Brechin District of Forfar, 20.9 in Garioch District of Aberdeen, and 19.1 in Mid-Ross District of Ross and Cromarty, to 2.1 in Lasswade District of Midlothian, 2.5 in Lorn District of Argyll, 3.1 in Thornhill District of Dumfries, and 3.2 in Linlithgow District of Linlithgow and in Ayr District of Ayr. In 10 of these districts this rate was less than 5; in 24, more than 5 but less than 10; in 6, more than 10 but less than 15; in 8, more than 15 but less than 20; in 2, more than 20 but less than 25; and in 1 it was more than 25.

The monthly birth-rate in Scotland in July was 23.2; in August, 21.8; and in September, 21.7.

The birth-rate of the quarter in England and Wales was 21.0, which is 1.2 less than the Scottish rate.

### MARRIAGES.

Marriages registered during the quarter numbered 9643. They are 399 more than those registered in the previous quarter, 286 more than in the third quarter of last year, and 1129 more than the mean of the numbers registered in the third quarters of the preceding ten years. It is the largest number of marriages yet registered in one quarter in Scotland, the previous record number being that of the third quarter of last year.

The marriage-rate of the quarter was 8.0 per thousand. It is 0.2 more than that of the previous quarter, 0.1 more than that of the third quarter of last year, and 0.8 more than the mean of those of the third quarters of the ten preceding years. It is the highest marriage-rate of a third quarter, and higher than those of all quarters since the fourth quarter of 1881.

In the counties, burghs included, the quarterly marriage-rate varied from 11.0 in Midlothian, 9.9 in Lanark, 9.2 in Forfar, and 8.1 in Aberdeen, to 2.1 in Sutherland, 2.4 in Shetland, 2.7 in Berwick, and 2.9 in Ross and Cromarty.

The collective marriage-rate in the larger burghs was 10.8; in the smaller burghs, 7.3; and in the county districts, 4.0. Compared with corresponding rates of the third quarter of last year, that of the larger



TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1905 to 1915 inclusive.

	1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915		Mean for Ten Years
	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	
<b>FIRST QUARTER.</b>																							
Births, .....	32004	28.3	32976	29.0	31508	27.5	32503	27.9	32373	27.9	30422	26.1	30710	26.1	30272	25.6	29838	25.6	30653	26.3	31008	26.3	27.0
Deaths, .....	20820	18.4	20488	18.0	22635	19.8	23997	20.6	21469	18.5	20605	17.7	19843	16.9	20671	17.5	21270	18.2	20058	17.7	24931	21.2	18.4
Marriages, .....	6867	6.1	7302	6.4	7268	6.3	7591	6.5	7111	6.1	7317	6.3	6758	5.8	6904	5.9	7844	6.7	8030	7.4	7993	6.8	6.4
Mean Temperat.	40°.2		37°.9		39°.0		38°.8		37°.9		38°.7		39°.4		39°.4		38°.9		39°.8		38°.2		39°.0
<b>SECOND QUARTER.</b>																							
Births, .....	35476	31.0	34960	30.4	34511	29.8	35611	30.5	34671	29.6	33812	28.6	32935	27.7	32221	27.3	32211	27.3	33002	28.0	30809	25.8	29.0
Deaths, .....	18763	16.4	19306	16.8	20119	17.4	19499	16.7	18478	15.8	18593	15.8	18027	15.2	17728	15.0	18147	15.4	18165	15.4	20414	17.1	16.0
Marriages, .....	8153	7.1	8699	7.6	8864	7.7	8813	7.6	8171	7.0	7928	6.7	8567	7.2	8209	7.0	8503	7.2	9091	7.7	9244	7.8	7.3
Mean Temperat.	49°.2		48°.7		47°.4		48°.9		48°.6		48°.7		50°.3		49°.8		49°.1		50°.5		48°.8		49°.1
<b>THIRD QUARTER.</b>																							
Births, .....	33044	28.6	32109	27.6	31427	26.8	32612	27.7	31186	26.3	30061	25.2	29653	24.7	30166	25.3	29459	24.7	30342	25.5	26797	22.2	26.3
Deaths, .....	16412	14.2	16439	14.1	15721	13.4	16325	13.9	14984	12.6	15331	12.8	16138	13.4	15219	12.8	16192	13.6	16222	13.6	15929	13.2	13.4
Marriages, .....	8178	7.1	8576	7.4	8994	7.7	8044	6.8	7777	6.6	7975	6.7	8434	7.0	8778	7.4	9023	7.6	9357	7.9	9643	8.0	7.2
Mean Temperat.	55°.6		56°.0		54°.2		55°.2		54°.5		55°.1		57°.1		53°.1		55°.6		56°.4		55°.5		55°.3
<b>FOURTH QUARTER.</b>																							
Births, .....	30857	26.7	31875	27.4	31343	26.8	30611	26.0	30352	25.6	29705	24.9	28513	23.7	30057	25.2	29011	24.3	29926	25.1	25.6		25.6
Deaths, .....	18531	16.0	19352	16.6	18792	16.0	18018	15.3	19683	16.6	17716	14.8	17718	14.8	18719	15.7	17464	14.6	18503	15.5	15.6		15.6
Marriages, .....	8045	7.0	8546	7.3	8134	6.9	7135	6.1	7033	5.9	7646	6.4	8052	6.7	8529	7.1	8314	7.0	7978	6.7	6.7		6.7
Mean Temperat.	41°.9		43°.2		42°.5		45°.3		40°.7		42°.3		42°.3		42°.4		44°.3		42°.8		42°.8		42°.8
<b>YEAR.</b>																							
Population .....	4,592,036		4,620,720		4,649,586		4,678,629		4,707,853		4,737,268		4,749,673		4,741,077		4,728,132		4,747,167				
Births, ....	131381	28.6	131920	28.5	128789	27.7	131337	28.1	128582	27.3	124000	26.2	121811	25.6	122716	25.9	120549	25.5	123923	26.1			
Deaths, .....	74526	16.2	75585	16.4	77267	16.6	77839	16.6	74594	15.8	72245	15.3	71726	15.1	72337	15.3	73073	15.5	75548	15.5			
Marriages, .....	31243	6.8	33123	7.2	33260	7.2	31583	6.8	30092	6.4	30866	6.5	31811	6.7	32510	6.9	33689	7.1	35051	7.4			

burghs is 0·7 more, but that of the smaller burghs is 0·3 less, and that of the county districts is 0·6 less.

In the larger burghs taken individually the quarterly marriage-rate ranged from 13·7 in Edinburgh, 11·6 in Aberdeen, 11·5 in Glasgow, and 11·5 in Perth, to 5·6 in Clydebank, 6·1 in Coatbridge, and 6·3 in Motherwell and in Hamilton.

### DEATHS.

Deaths registered in Scotland during the quarter numbered 15,929. They are 4485 fewer than in the previous quarter, and 293 fewer than in the third quarter of last year, but are 33 more than the mean of the numbers of the third quarters of the ten preceding years. The death-rate of the quarter was 13·2, which is 3·9 less than that of the previous quarter, 0·4 less than that of the third quarter of last year, and 0·2 less than the mean of those of the third quarters of the preceding ten years.

In the Divisions of the Counties the death-rate varied from 14·1 in the North-Eastern, and 14·0 in the Northern, to 12·2 in the South-Eastern, 12·3 in the West-Midland, and 12·9 in the East-Midland. In the North-Western it was 13·4; in the South-Western, 13·3; and in the Southern, 13·0.

In the counties, burghs included, the quarterly death-rate ranged from 18·8 in Orkney, 15·7 in Bute, 14·9 in Argyll, and 14·8 in Berwick, to 10·0 in Selkirk, 10·8 in Kinross, 10·9 in Linlithgow, and 11·1 in Stirling. In 31 counties this rate was less than 15, and in 2 more than that amount.

In the larger burghs the collective death-rate was 13·6, which is 4·7 less than in the previous quarter and 0·8 less than in the third quarter of last year. In them taken individually this rate ranged from 15·4 in Aberdeen, 14·2 in Glasgow, and 14·1 in Dundee and in Greenock, to 9·8 in Motherwell and 10·8 in Clydebank. In Ayr this rate was 13·8; in Paisley, 13·7; in Leith, 13·2; in Perth, 12·4; in Coatbridge, 12·3; in Kirkcaldy, 12·3; in Edinburgh, 12·2; in Falkirk, 11·9; in Kilmarnock, 11·6; and in Hamilton, 11·0.

In the smaller burghs taken collectively the quarterly death-rate was 13·5, which is 3·4 less than that of the previous quarter, but is 0·1 more than that of the third quarter of last year. In the 27 smaller burghs which have populations of more than 10,000 this rate varied from 21·9 in Peterhead, 19·8 in Inverness, 17·8 in Borrowstounness, 16·9 in Johnstone, and 16·1 in Stirling, to 9·9 in Cowdenbeath, 10·4 in Airdrie, 10·7 in Rutherglen and in Forfar, and 11·2 in Buckhaven Methil and Innerleven and in Galashiels.

In the county, or extraburghal, districts the collective quarterly death-rate was 12·1, which is 3·1 less than in the previous quarter, and 0·4 less than in the third quarter of last year. In the county districts with populations of over 10,000 this rate ranged from 17·5 in Easter-Ross District of Ross and Cromarty, 16·3 in Lorn District of Argyll, 16·2 in Thornhill District of Dumfries, and 15·1 in County District of Sutherland, to 7·6 in Carrick District of Ayr, 8·3 in Brechin District of Forfar, 8·5 in Central District of Stirling, 9·1 in Deeside District of Aberdeen, 9·3 in Linlithgow District of Linlithgow, and 9·5 in Western District of Stirling.

All the above rates, those applicable to Scotland excepted, are corrected for deaths of non-residents registered within the county, burgh, or district, and for deaths of residents registered elsewhere in Scotland.

The death-rate of the quarter in England and Wales was 11·6, which is 1·6 less than the Scottish rate.

### AGES OF THOSE DYING.

Of the 15,929 persons whose deaths were registered during the quarter,



4326, or 27·16 per cent., were children of less than five years old, 7093, or 44·53 per cent., were more than five but less than sixty-five years old, and 4506, or 28·29 per cent., were more than sixty-five. In 4 instances the age at death was not specified. Compared with the numbers in the previous quarter, deaths of children of less than five years old are 1760 fewer; of persons of more than five but less than sixty-five, 1375 fewer; and of persons of over sixty-five, 1349 fewer. Compared with the numbers in the third quarter of last year, deaths of children of less than five are 391 fewer; but those of persons of more than five but less than sixty-five are 84 more; and of persons of over sixty-five, 10 more.

Deaths of children of less than one year old numbered 2684, and are 859 fewer than in the previous quarter, and 598 fewer than in the third quarter of last year. The infantile mortality rate is 100 per thousand registered births, which is 15 less than in the previous quarter, and 8 less than in the third quarter of last year.

In the divisions of the counties, the infantile mortality rate of the quarter varied from 113 in the North-Eastern and 108 in the South-Western, to 57 in the North-Western and 60 in the Northern. In the East-Midland it was 101; in the South-Eastern, 95; in the Southern, 81; and in the West-Midland, 78.

In the counties, burghs included, this rate ranged from 123 in Aberdeen and in Forfar, and 111 in Lanark, to 33 in Selkirk, 38 in Bute and in Shetland, and 41 in Kinross. In twenty-seven counties this rate was less than the national rate, and in six it was more.

In the larger burghs the collective infantile mortality rate was 118; in the smaller burghs, 88; and in the county districts, 79. Compared with the rates of the previous quarter, that of the larger burghs is 18 less; of the smaller burghs, 11 less; and of the county districts, 13 less. Compared with those of the third quarter of last year, that of the larger burghs is 7 less; of the smaller burghs, 10 less; and of the county districts, 8 less.

In the larger burghs taken individually this rate ranged from 152 in Aberdeen, 142 in Dundee, 125 in Perth and 121 in Glasgow, to 79 in Ayr, 86 in Kilmarnock, 87 in Kirkealdy and 88 in Falkirk. In Paisley this rate was 115; in Leith, 112; in Greenock, 112; in Edinburgh, 107; in Hamilton, 99; in Motherwell, 97; in Clydebank, 97; and in Coatbridge, 94.

In the smaller burghs with populations of over 10,000 this rate varied from 261 in Peterhead, 226 in Borrowstounness, 197 in Kirkintilloch and 186 in Fraserburgh, to 36 in Galashiels, 42 in Montrose, 46 in Renfrew, 50 in Forfar, 51 in Irvine and 55 in Airdrie.

In county districts with populations of more than 10,000 this rate ranged from 163 in County District of Clackmannan, 128 in Lasswade District of Midlothian, 123 in Forfar District of Forfar and 121 in Annan District of Dumfries, to 16 in Thornhill District of Dumfries, 24 in Western District of Stirling, 29 in Mainland District of Shetland, 32 in Linlithgow District of Linlithgow and 33 in Cupar District of Fife.

The infantile mortality rate of the quarter in England and Wales was 98, which is 2 less than the Scottish rate.

### CAUSES OF DEATH.

Of the 15,929 deaths registered, 1822, or 11·4 per cent., were attributed to one or other of the principal epidemic diseases, and included 47 from enteric fever, 555 from measles, 223 from scarlet fever, 221 from whooping-cough, 162 from diphtheria, and 614 from the diarrhoeas of childhood.



Collectively these deaths are 716 fewer than in the previous quarter, and 12 fewer than in the third quarter of last year. Compared with the numbers in the previous quarter, deaths from whooping-cough are 78 fewer and from measles 327 fewer; but those from diphtheria are 13 more; from enteric fever, 23 more; from scarlet fever, 51 more; and from the diarrhoeas of childhood, 310 more. Compared with the numbers in the third quarter of last year, deaths from the diarrhoeas of childhood are 450 fewer; from whooping-cough, 66 fewer; and from enteric fever, 15 fewer; but those from diphtheria are 15 more; from scarlet fever, 65 more; and from measles, 439 more.

The quarterly collective death-rate from these diseases was 1·5 per thousand, which is 0·6 less than that of the previous quarter, and is the same as that of the third quarter of last year. The death-rate from enteric fever was 4 per 100,000; from measles, 46; from scarlet fever, 19; from whooping-cough, 18; from diphtheria, 13; and from the diarrhoeas of childhood, 51.

In the larger burghs the quarterly death-rate from the principal epidemic diseases ranged from 3·3 per thousand in Aberdeen and 3·1 in Paisley, to 0·9 in Kilmarnock, 1·1 in Perth, and 1·2 in Leith and in Clydebank. In Glasgow this rate was 2·2; in Dundee, 1·8; in Hamilton, 1·6; in Motherwell, 1·5; in Kirkcaldy, 1·5; in Edinburgh, 1·4; in Greenock, 1·4; in Ayr, 1·4; in Coatbridge, 1·3; and in Falkirk, 1·3. The high epidemic diseases death-rate found in Aberdeen is associated with a prevalence of measles and scarlet fever, and that in Dundee with a prevalence of the diarrhoeas of childhood.

In the counties, burghs included, relatively high epidemic diseases death-rates occurred in Aberdeen, 2·6; in Lanark, 2·1; in Linlithgow, 1·9; and in Renfrew, 1·7; in Argyll, Kinross, Nairn, Orkney, Ross and Cromarty, Selkirk, and Sutherland, this rate was 0·2 or less.

In burghs with populations of between 10,000 and 30,000 this rate was found to be high in Borrowstounness, 7·3; in Peterhead, 5·8; in Fraserburgh, 3·4; in Kirkintilloch, 3·3; and in Wishaw, 3·2. In county districts with populations of more than 10,000 this rate was relatively high in Calder District of Midlothian, 2·2; in Lasswade District of Midlothian, 2·1; in Middle Ward District of Lanark, 2·1; in Deer District of Aberdeen, 2·0; and in Aberdeen District of Aberdeen, 2·0.

Among deaths from other epidemic diseases there were 2 from small-pox and 2 from typhus fever; in the previous quarter there was one from typhus fever, but none from small-pox.

Deaths from all forms of tuberculous diseases numbered 1672, and constituted 10·5 per cent. of the total. They are 563 fewer than in the previous quarter, and 81 fewer than in the third quarter of last year. They are equal to an annual death-rate of 139 per 100,000, which is 49 less than in the previous quarter, and 8 less than in the corresponding quarter of last year. These deaths include 1120 from phthisis, 204 from tuberculous meningitis, 164 from abdominal tuberculosis, and 184 others. Compared with the numbers in the previous quarter deaths from phthisis are 347 fewer, from tuberculous meningitis 128 fewer, and from abdominal tuberculosis, 50 fewer. Compared with the numbers in the third quarter of last year deaths from phthisis are 21 more, but those from tuberculous meningitis are 28 fewer, and from abdominal tuberculosis 27 fewer. The quarterly death-rate from phthisis was 92 per 100,000, which is 31 less than in the second quarter, but is the same as in the third quarter of last year.

Deaths from malignant disease numbered 1390, and constituted 8·7 per cent. of the total. The quarterly death-rate from this cause was



115 per 100,000. These deaths are 118 more than in the previous quarter, and 54 more than in the third quarter of last year. This death-rate is 8 more than in the previous quarter, and 3 more than in the third quarter of last year.

Deaths from apoplexy numbered 1028, and from heart disease, 1605, the quarterly death-rate from the former being 85 and from the latter 133 per 100,000.

Deaths from pneumonia, all forms, numbered 897, and from bronchitis 586, the quarterly death-rate from the former being 74 and from the latter 49 per 100,000. The pneumonia deaths are 828 fewer than in the second quarter, but 72 more than in the third quarter of last year. The bronchitis deaths are 650 fewer than in the second quarter, and 30 fewer than in the third quarter of last year.

Deaths from diseases and accidents of pregnancy and childbirth numbered 151; they are 6 fewer than in the previous quarter, and 8 fewer than in the corresponding quarter of last year. Births during the quarter numbered 26,797, and these deaths are equal to a death-rate of 5·6 per thousand registered births, which rate is 0·5 more than in the second quarter, and 0·4 more than in the third quarter of last year.

Deaths attributed to violent causes numbered 856, constituted 5·4 per cent. of the total, and are equal to an annual death-rate of 71 per 100,000. They are 17 more than in the previous quarter, and 124 more than in the third quarter of last year. Of these deaths 66 were ascribed to suicide, 4 to homicide, 15 to war injuries, and 771 to accident.

Deaths for which the cause was ill-defined numbered 420, and those for which no cause was specified or merely described as "natural causes" numbered 141. The former included 196 from heart failure, 41 from syncope, 7 from dropsy, 5 from sudden death, 1 from teething, and 29 others.

### WEATHER.

The Meteorological Returns, which appear in the Registrar-General's Monthly Reports, and which refer more particularly to observations made in eight of the larger burghs, show that *July* was characterised by a very low mean pressure; a somewhat low mean temperature, with a daily range fractionally above the normal; a slightly high mean rainfall; and an excess of winds from a westerly quarter. *August* was characterised by a rather high mean pressure; a rather high mean temperature, with a rather low mean daily range; a mean rainfall practically equal to the normal; and an excess of winds from between N.W. and N.E. *September* was characterised by a rather high mean pressure; a slightly high mean temperature, with a slightly high mean daily range; a mean rainfall considerably below the normal; and a large excess of northerly and easterly winds.

Observations made *throughout Scotland* show that the mean height of the barometric column, reduced to sea-level and 32° Fahr., was 29·767 inches in July, 29·950 inches in August, and 29·966 inches in September. The mean temperature was 55°·5, being 0·2 above the average mean temperature for the corresponding quarter of the last ten years. The mean temperature in July was 56°·0, in August 57°·1, and in September 53°·3. The absolutely highest temperature recorded in July was 75°, in August 76°, and in September 78°. The absolutely lowest temperature recorded in July was 34°, in August 30°, and in September 24°. The mean number of days on which rain fell was 21 in July, 17 in August, and 12 in September. The mean amount collected was 3·98 inches in July, 3·14 inches in August, and 2·27 inches in September.

TABLE A.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF THE COUNTIES OF SCOTLAND  
DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

COUNTIES.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
SCOTLAND . . . . .	4,780,900	22·2	8·0	13·2	1·5	6·8	100
Aberdeen . . . . .	303,600	21·9	8·1	14·3	2·6	11·6	123
Argyll . . . . .	63,500	15·4	3·5	14·9	0·2	11·8	53
Ayr . . . . .	263,900	24·1	6·5	13·0	1·0	4·8	89
Banff . . . . .	58,100	21·6	5·5	13·4	1·0	15·5	89
Berwick . . . . .	27,600	20·1	2·7	14·8	0·3	5·7	57
Bute . . . . .	17,000	12·4	5·1	15·7	0·7	1·9	38
Caithness . . . . .	29,500	18·1	3·5	11·7	0·8	10·4	67
Clackmannan . . . . .	29,100	20·2	6·7	12·0	0·5	7·4	108
Dumbarton . . . . .	141,200	25·9	5·7	12·2	1·5	4·3	98
Dumfries . . . . .	69,000	20·8	5·6	14·0	0·6	10·2	86
Edinburgh (Midlothian) . . . . .	515,400	18·4	11·0	12·4	1·4	7·3	106
Elgin . . . . .	40,500	20·4	7·8	13·7	0·7	16·8	91
Fife . . . . .	274,100	21·4	5·4	12·2	1·2	5·8	88
Forfar . . . . .	274,600	19·8	9·2	13·8	1·4	8·7	123
Haddington . . . . .	42,800	21·9	3·8	11·6	0·9	10·6	59
Inverness . . . . .	81,400	18·5	4·3	13·9	0·6	9·2	50
Kincardine . . . . .	39,300	23·9	4·8	13·4	1·4	8·4	97
Kinross . . . . .	7,300	26·5	4·9	10·8	0·0	8·2	41
Kirkcudbright . . . . .	35,900	20·7	4·3	11·6	0·6	7·5	75
Lanark . . . . .	1,557,900	24·9	9·9	13·3	2·1	5·2	111
Linlithgow . . . . .	81,000	29·3	5·9	10·9	1·9	4·7	84
Nairn . . . . .	8,800	20·7	4·0	14·4	0·0	19·6	87
Orkney . . . . .	23,600	19·0	6·0	18·8	0·2	8·8	71
Peebles . . . . .	14,500	14·2	5·5	13·9	0·3	0·0	77
Perth . . . . .	118,900	18·2	6·2	13·2	0·5	8·1	81
Renfrew . . . . .	286,900	23·5	7·8	13·6	1·7	4·8	105
Ross and Cromarty . . . . .	71,900	14·7	2·9	13·0	0·2	10·9	68
Roxburgh . . . . .	44,000	17·1	5·0	12·9	0·6	7·9	63
Selkirk . . . . .	23,800	15·2	4·8	10·0	0·2	7·7	33
Shetland . . . . .	26,300	15·7	2·4	11·8	0·3	10·6	38
Stirling . . . . .	160,700	23·0	6·4	11·1	0·9	5·9	67
Sutherland . . . . .	18,600	14·3	2·1	14·5	0·2	6·0	60
Wigtown . . . . .	30,000	23·4	4·1	12·8	1·2	18·6	96



TABLE B.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 30,000 DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Glasgow . . . . .	1,078,400	23·7	11·5	14·2	2·2	5·7	121
Edinburgh . . . . .	328,700	16·3	13·7	12·2	1·4	8·3	107
Dundee . . . . .	177,300	20·9	11·0	14·1	1·8	8·5	142
Aberdeen . . . . .	164,800	21·4	11·6	15·4	3·3	8·3	152
Paisley . . . . .	87,700	22·3	8·0	13·7	3·1	5·9	115
Leith . . . . .	80,500	22·0	8·1	13·2	1·2	5·8	112
Greenock . . . . .	78,100	27·2	8·1	14·1	1·4	4·3	112
Coatbridge . . . . .	44,100	26·8	6·1	12·3	1·3	4·4	94
Motherwell . . . . .	41,600	27·5	6·3	9·8	1·5	3·5	97
Kirkcaldy . . . . .	40,800	17·8	7·7	12·3	1·5	7·7	87
Hamilton . . . . .	38,600	28·1	6·3	11·0	1·6	4·4	99
Clydebank . . . . .	44,600	29·5	5·6	10·8	1·2	2·7	97
Perth . . . . .	35,500	17·0	11·5	12·4	1·1	7·9	125
Kilmarnock . . . . .	36,900	21·3	8·8	11·6	0·9	1·5	86
Falkirk . . . . .	34,300	22·3	8·6	11·9	1·3	8·3	88
Ayr . . . . .	33,600	22·6	9·2	13·8	1·4	5·2	79

TABLE C.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHS IN SCOTLAND HAVING CENSAL POPULATIONS OF BETWEEN 10,000 AND 30,000 DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Airdrie . . . . .	23,900	27·4	10·8	10·4	0·7	3·6	55
Alloa . . . . .	11,400	24·0	8·4	12·2	0·3	4·3	87
Arbroath . . . . .	18,800	17·7	6·5	14·7	1·5	6·0	143
Barrhead . . . . .	11,400	28·9	11·1	14·6	1·4	4·8	84
Borrowstounness . . . . .	10,900	22·6	8·7	17·8	7·3	6·5	226
Buckhaven, Methil, and Innerleven . . . . .	17,000	24·8	3·0	11·2	2·6	5·7	123
Cowdenbeath . . . . .	15,600	23·5	5·1	9·9	0·5	5·4	98
Dumbarton . . . . .	21,600	28·5	8·1	12·3	2·2	4·5	90
Dumfries . . . . .	15,300	19·6	13·2	12·1	0·8	15·8	118
Dunfermline . . . . .	28,900	21·8	8·9	14·1	1·1	5·0	57
Forfar . . . . .	10,000	15·8	12·6	10·7	0·0	2·5	50
Fraserburgh . . . . .	10,600	22·1	3·7	13·5	3·4	8·5	186
Galashiels . . . . .	14,100	15·5	5·3	11·2	0·3	10·9	36
Grangemouth . . . . .	10,200	18·0	4·7	11·3	1·6	8·7	87
Hawick . . . . .	15,800	14·1	8·3	13·8	0·5	8·9	89
Inverness . . . . .	20,700	23·6	12·7	19·8	1·5	10·6	89
Irvine . . . . .	9,900	31·4	4·8	12·9	0·8	2·6	51
Johnstone . . . . .	11,800	25·0	13·2	16·9	1·0	2·7	68
Kirkintilloch . . . . .	11,900	25·4	5·0	15·4	3·3	3·9	197
Montrose . . . . .	9,800	19·4	9·3	15·0	0·4	12·5	42
Musselburgh . . . . .	16,700	21·8	5·2	11·9	1·9	4·3	141
Peterhead . . . . .	13,600	20·1	4·7	21·9	5·8	7·2	261
Port-Glasgow . . . . .	17,200	28·0	9·3	12·3	1·4	4·1	116
Renfrew . . . . .	13,200	26·1	7·8	11·7	0·0	2·3	46
Rutherglen . . . . .	25,300	22·1	9·4	10·7	0·6	2·1	99
Stirling . . . . .	21,200	23·2	8·8	16·1	0·6	8·1	97
Wishaw . . . . .	25,700	24·0	6·0	12·8	3·2	1·9	110

TABLE D.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL COUNTY PUBLIC HEALTH DISTRICTS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 10,000 DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
ABERDEEN COUNTY.							
Aberdeen . . . . .	22,100	18·8	3·4	11·3	2·0	11·4	95
Deer . . . . .	26,300	25·9	3·2	14·6	2·0	16·3	76
Deeside . . . . .	11,400	19·9	4·5	9·1	0·7	15·8	35
Ellon . . . . .	12,800	25·5	2·2	11·2	0·3	11·0	85
Garioch . . . . .	12,900	26·4	3·7	11·3	1·2	20·9	93
Turriff . . . . .	10,400	23·4	2·3	10·3	0·4	18·0	49
ARGYLL COUNTY.							
Lorn . . . . .	9,500	16·7	1·3	16·3	0·0	2·5	75
AYR COUNTY.							
Ayr . . . . .	41,200	26·9	4·4	11·2	1·0	3·2	93
Carrick . . . . .	12,500	17·8	3·5	7·6	0·3	7·1	54
Kilmarnock . . . . .	22,500	25·4	4·8	12·7	0·9	6·9	97
Northern . . . . .	44,900	25·8	5·5	14·4	1·1	7·2	103
BANFF COUNTY.							
Banff . . . . .	17,600	25·9	4·3	11·0	0·2	16·5	70
Keith . . . . .	11,300	16·2	2·5	14·1	0·4	17·4	43
CAITHNESS COUNTY.							
Caithness . . . . .	17,600	18·9	3·4	10·4	0·0	10·7	60
CLACKMANNAN COUNTY.							
Clackmannan . . . . .	9,500	18·0	4·6	12·1	0·8	9·3	163
DUMBARTON COUNTY.							
Eastern . . . . .	22,700	22·6	4·9	13·3	0·7	4·7	101
Western . . . . .	27,000	25·1	5·3	13·2	1·8	6·4	94
DUMFRIES COUNTY.							
Annan . . . . .	9,800	26·6	2·8	12·5	0·8	9·1	121
Thornhill . . . . .	11,300	22·6	2·1	16·2	0·7	3·1	16
EDINBURGH (MIDLOTHIAN) COUNTY.							
Calder . . . . .	17,800	28·3	8·5	14·5	2·2	11·0	87
Lasswade . . . . .	24,300	23·0	3·9	11·9	2·1	2·1	128
Suburban . . . . .	24,400	16·9	3·9	11·1	0·8	6·7	106
ELGIN COUNTY.							
Elgin . . . . .	20,100	22·2	4·4	11·5	0·6	17·0	71
FIFE COUNTY.							
Cupar . . . . .	14,900	16·2	4·3	13·3	0·3	13·1	33
Dunfermline . . . . .	31,200	29·7	4·7	14·0	1·7	6·8	94
Kirkcaldy . . . . .	43,700	23·8	3·5	10·8	1·9	5·7	95
St Andrews . . . . .	14,800	20·2	1·9	11·3	0·3	6·7	40



TABLE D.—continued.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1914.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
FORFAR COUNTY.							
Brechin . . . . .	11,900	17·3	3·3	8·3	0·0	21·2	38
Forfar . . . . .	10,300	22·0	1·2	11·6	0·0	7·0	123
HADDINGTON COUNTY.							
Western . . . . .	16,700	16·9	1·9	10·2	1·2	11·3	70
INVERNESS COUNTY.							
Skye . . . . .	12,100	14·1	1·6	14·8	0·0	7·0	70
LANARK COUNTY.							
Lower . . . . .	30,000	21·3	4·6	10·4	0·9	5·0	75
Middle . . . . .	201,400	30·1	6·3	11·6	2·1	4·8	95
Upper . . . . .	41,800	26·6	4·2	11·0	0·5	6·1	71
LINLITHGOW COUNTY.							
Bathgate . . . . .	32,600	34·8	4·4	11·3	1·5	5·2	94
Linlithgow . . . . .	15,300	24·1	3·9	9·3	1·3	3·2	32
PERTH COUNTY.							
Central . . . . .	9,600	15·7	5·4	12·8	0·0	5·3	79
Highland . . . . .	12,000	17·8	2·0	12·9	0·0	3·7	56
Perth . . . . .	19,800	22·8	4·0	11·4	0·2	9·6	53
Western . . . . .	9,600	19·5	2·1	14·5	0·0	6·4	43
RENFREW COUNTY.							
Upper . . . . .	36,400	17·0	6·1	12·0	0·8	5·8	115
Lower . . . . .	23,200	15·2	4·5	13·5	0·5	5·6	90
ROSS AND CROMARTY COUNTY.							
Easter-Ross . . . . .	9,500	16·7	3·3	17·5	0·8	17·5	100
Lews . . . . .	24,700	13·3	0·5	10·1	0·2	6·0	72
Mid-Ross . . . . .	10,800	17·2	1·5	13·9	0·0	19·1	85
SHETLAND COUNTY.							
Mainland . . . . .	17,300	15·8	0·5	11·5	0·5	7·2	29
STIRLING COUNTY.							
Central . . . . .	27,600	25·6	4·2	8·5	0·9	6·7	62
Eastern . . . . .	40,400	25·3	6·3	10·6	0·8	3·9	50
Western . . . . .	11,300	14·8	3·9	9·5	0·4	4·8	24
SUTHERLAND COUNTY.							
Sutherland . . . . .	17,800	14·2	2·0	15·1	0·2	6·2	62
WIGTOWN COUNTY.							
Rhins . . . . .	11,200	19·5	4·2	11·7	1·4	25·5	109

TABLE E.—CAUSES OF DEATH IN SCOTLAND AT DIFFERENT PERIODS OF LIFE DURING THE QUARTER ENDING 30TH SEPTEMBER 1915.

		All Ages.	Age.											Age not stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
I. GENERAL DISEASES.														
1	Enteric Fever	47	...	1	3	7	13	10	5	5	3	...	...	...
2	Typhus Fever	2	...	...	...	...	1	...	1	...	...	...	...	...
4	Malaria	2	...	...	...	...	...	2	...	...	...	...	...	...
5	(a) Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) Smallpox	2	1	1	...	...	...	...	...	...	...	...	...	...
	Vaccinated													
	Unvaccinated													
	Vaccination													
	Doubtful													
6	Measles	555	170	369	11	2	1	1	...	...	...	1	...	...
7	Scarlet Fever	223	12	124	51	19	8	6	2	1	...	...	...	...
8	Whooping-cough	221	104	107	10	...	...	...	...	...	...	...	...	...
9	(a) Diphtheria	157	12	81	43	13	4	...	1	2	1	...	...	...
	(c) Croup, Membr. Laryngitis (b)	5	...	4	1	...	...	...	...	...	...	...	...	...
10	Influenza	34	1	...	...	...	...	2	4	8	5	5	9	...
13	Cholera Nostras	1	...	...	...	...	...	1	...	...	...	...	...	...
14	Dysentery	1	...	...	...	...	...	...	1	...	...	...	...	...
18	Erysipelas	38	10	1	...	...	2	5	1	4	3	7	5	...
19	Oth. Epid. Dis. (3, 11, 12, 15, 16, 17, 25, 26, 27)	6	1	3	...	...	...	...	1	...	1	...	...	...
20	(a) Pyæmia, Septicæmia (not Puer- peral) (b)	35	5	2	4	2	3	1	6	6	4	2	...	...
	(c) Vaccinia	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Glanders	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Anthrax	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Rabies, Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tetanus	4	1	1	1	1	...	...	...	...	...	...	...	...
28	Pulmonary Tuberculosis, Phthisis	1098	4	23	20	36	273	252	209	153	103	24	1	...
29	(a) Acute Phthisis	22	1	...	1	3	8	4	4	...	...	1	...	...
	(b) Acute Miliary Tuberculosis	17	4	5	1	1	1	2	2	...	...	1	...	...
30	Tuberculous Meningitis	204	49	80	34	19	12	5	3	1	1	...	...	...
31	Abdominal Tuberculosis	164	30	58	21	19	15	8	5	4	2	1	1	...
32	Tuberculosis of Spine	31	...	1	4	3	7	5	5	4	2	...	...	...
33	Tuberculosis of Joints	21	...	4	...	5	5	2	1	2	1	1	...	...
35	Tuberculosis of other Organs, Dis- seminated Tuberculosis (34)	115	8	19	15	7	26	6	14	6	7	4	3	...
36	Rickets, Osteomalacia	14	6	7	...	1	...	...	...	...	...	...	...	...
37	Syphilis	44	28	2	1	...	2	3	3	3	2	...	...	...
38	Other Venereal Diseases	1	1	...	...	...	...	...	...	...	...	...	...	...
45	(a) Carcinoma	823	...	...	...	...	3	18	73	152	242	222	113	...
	(b) Sarcoma	52	...	1	2	3	2	8	5	11	10	5	5	...
	(c) Malignant Disease, } 39-44 other or not defined	515	...	1	...	...	3	5	35	100	144	119	108	...
46	Other Tumours (Situation un- defined)	9	...	1	...	...	1	...	1	1	3	1	1	...
47	Rheumatic Fever	51	...	...	3	5	13	5	6	11	5	2	1	...
48	(a) Chronic Rheumatism	23	...	...	...	...	...	...	1	2	5	11	4	...
	(b) Osteo-arthritis	15	...	...	...	...	1	1	...	1	3	6	3	...
	(c) Gout	...	...	...	...	...	...	...	...	...	...	...	...	...
49	Scurvy	...	...	...	...	...	...	...	...	...	...	...	...	...
50	Diabetes	105	...	...	1	1	11	6	15	17	30	20	4	...
51	Exophthalmic Goitre	11	...	...	...	...	...	2	...	6	1	1	1	...
52	Addison's Disease	5	...	...	...	1	...	...	2	1	1	...	...	...
53	(a) Leucocythæmia	11	...	...	...	...	2	1	2	4	2	...	...	...
	(b) Lymphadenoma	9	...	...	...	1	1	1	2	1	3	...	...	...
54	Anæmia, Chlorosis	119	1	5	...	1	2	8	17	19	37	21	8	...
55	(b) Purpura	10	2	...	1	1	1	1	1	...	1	1	1	...
	(c) Hæmophilia	3	...	...	...	...	2	1	...	...	...	...	...	...
	(d) Other General Diseases (a)	2	...	...	1	...	...	...	...	...	...	1	...	...
56	Alcoholism	37	...	...	...	...	...	3	8	14	9	3	...	...
57	Chronic Lead Poisoning	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Other Chronic Occupational Poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Other Chronic Poisonings	1	...	...	...	...	...	...	...	1	...	...	...	...



TABLE E.—continued.

		All Ages.	Age.											Age not Stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
II. DISEASES OF NERVOUS SYSTEM.														
60	Encephalitis . . . . .	14	1	3		1	1	1	3	2	1	1	...	...
61	(a) Cerebro-spinal Meningitis . .	75	14	24	12	7	4	7	4	1	2	...	...	...
	(c) Meningitis, Basal, Nature un- specified (b)	243	89	82	25	9	11	9	7	9	1	1	...	...
62	Locomotor Ataxy . . . . .	16	...	...	...	...	...	2	2	5	7	...	...	...
63	Other Diseases of Spinal Cord . .	89	1	...	...	...	8	10	9	18	22	16	5	...
64	Cerebral Hæmorrhage, Apoplexy .	1028	6	1	...	1	3	8	41	124	231	349	264	...
65	Softening of Brain . . . . .	46	...	...	...	...	...	...	1	5	10	15	15	...
66	(a) Hemiplegia . . . . .	120	1	...	...	...	2	2	3	8	26	38	40	...
	(c) Paralysis, Cause or Nature un- specified (b)	18	...	...	...	...	1	1	1	4	3	3	5	...
67	General Paralysis of Insane . . .	62	...	...	...	...	...	5	22	23	11	1	...	...
68	Other Insanity . . . . .	34	...	...	...	...	...	5	7	9	5	4	4	...
69	Epilepsy . . . . .	57	1	2	...	2	15	7	12	4	6	5	3	...
71	Convulsions (not Puerperal) (70) .	140	96	38	1	1	1	1	...	2	...	...	...	...
72	Chorea . . . . .	4	...	...	...	2	...	...	...	...	1	1	...	...
73	Neuralgia, Neuritis . . . . .	19	...	...	...	...	...	2	1	3	5	6	2	...
74	(c) Cerebral Tumour . . . . .	35	...	3	6	1	2	1	6	8	6	2	...	...
	(d) Other Diseases of Nervous System (a, b)	31	6	3	2	2	...	1	2	3	7	4	1	...
75	Diseases of Eye and Annexa . . .	1	...	...	...	...	...	...	...	...	1	...	...	...
76	(a) Mastoid Diseases . . . . .	8	2	3	...	1	...	...	...	1	1	...	...	...
	(b) Diseases of Ear . . . . .	30	5	4	...	3	8	4	3	3	...	...	...	...
III. DISEASES OF CIRCUL- ATORY SYSTEM.														
77	Pericarditis . . . . .	2	...	...	...	1	...	...	...	1	...	...	...	...
78	Acute Endocarditis . . . . .	60	2	1	4	4	12	8	10	10	8	...	1	...
79	(a) Valvular Disease . . . . .	741	3	...	7	16	39	27	63	85	144	212	144	1
	(b) Fatty Degeneration of Heart . .	78	...	...	...	...	...	1	4	16	13	29	15	...
	(c) Other Organic Diseases of Heart	682	3	...	5	8	13	18	35	78	142	211	169	...
80	Angina Pectoris . . . . .	42	...	...	...	...	...	...	2	8	6	17	9	...
81	(a) Aneurysm . . . . .	38	...	...	...	1	...	4	9	9	10	5	...	...
	(b) Arterio-sclerosis . . . . .	73	...	1	...	...	...	...	...	4	7	24	37	...
	(c) Other Diseases of Arteries . . .	1	...	...	...	...	...	...	...	...	...	...	1	...
82	(a) Cerebral Embolism, Thrombosis	97	...	1	...	...	...	4	5	12	22	26	27	...
	(b) Embolism and Thrombosis, not Cerebral	8	...	...	...	...	...	2	1	1	1	2	1	...
83	Diseases of Veins . . . . .	5	...	...	...	...	...	...	1	1	1	1	1	...
84	(a) Lymphatism, Status Lympha- ticus . . . . .	4	2	1	...	...	...	...	1	...	...	...	...	...
	(b) Other Dis. of Lymphatic System	4	...	...	...	...	...	...	2	...	...	1	1	...
85	Hæmorrhage, Other Diseases of Circulatory System	8	...	...	...	...	1	1	2	2	2	...	...	...
IV. DISEASES OF RESPIR- ATORY SYSTEM.														
86	Diseases of Nose . . . . .	3	1	...	...	...	...	...	...	2	...	...	...	...
87	(b) Laryngitis . . . . .	16	7	6	...	...	...	...	...	...	...	...	3	...
	(c) Other Diseases of Larynx (a) . .	5	2	3	...	...	...	...	...	...	...	...	...	...
88	Diseases of Thyroid . . . . .	4	...	1	...	...	...	1	...	...	2	...	...	...
90	Bronchitis (89) . . . . .	586	82	38	6	5	4	5	18	44	89	166	129	...
91	Broncho-pneumonia . . . . .	360	135	127	10	3	3	8	8	11	16	23	16	...
92	Pneumonia . . . . .	537	63	84	15	7	23	38	43	61	83	77	43	...
93	Pleurisy . . . . .	48	3	6	...	...	7	4	2	6	10	6	4	...
94	(a) Pulmonary Apoplexy . . . . .	8	1	...	...	...	...	1	2	1	1	...	2	...
	(b) Pulmonary Congestion (c, d) . .	63	10	10	1	2	2	2	3	4	6	11	12	...
95	Gangrene of Lung . . . . .	4	...	...	...	...	...	...	1	...	3	...	...	...
96	Asthma . . . . .	15	...	...	...	...	...	3	...	1	4	5	2	...
97	Pulmonary Emphysema . . . . .	4	1	...	...	...	...	...	...	...	2	1	...	...
98	(a) Fibroid Diseases of Lung . . .	10	...	...	...	1	...	1	2	2	3	1	...	...
	(b) Other Diseases of Respiratory System	4	...	...	...	...	...	...	1	...	1	...	2	...

TABLE E.—continued.

	All Ages.	Age.												Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.		
V. DIS. OF DIGESTIVE SYSTEM.														
99 Dis. of Mouth, Teeth. Oral Sepsis	9	3	...	...	...	...	1	...	1	2	...	2	...	
101 Diseases of Pharynx, Œsophagus, Tonsillitis (100)	23	2	7	2	2	...	4	3	...	...	2	1	...	
102 Gastric Ulcer	58	...	1	...	1	4	8	11	10	13	6	4	...	
103 Other Dis. of Stomach. Gastritis	160	57	15	5	2	1	4	6	15	16	19	20	...	
104 Diarrhœa, Enteritis (under 2 years)	614	505	109	...	...	...	...	...	...	...	...	...	...	
105 Diarrhœa, Enteritis (over 2 years)	175	...	43	23	3	3	5	13	17	9	33	26	...	
107 Intestinal Parasites (106)	2	...	1	...	...	...	1	...	...	...	...	...	...	
108 Appendicitis, Typhlitis	105	...	4	13	20	33	6	13	10	3	2	1	...	
109 (a) Hernia	63	8	3	...	...	1	1	2	11	11	13	13	...	
(b) Intestinal Obstruction	83	18	1	6	...	4	4	4	11	7	12	16	...	
110 Other Diseases of Intestine	50	...	2	1	2	5	7	3	16	5	6	3	...	
111 Acute Yellow Atrophy of Liver	1	...	...	...	...	...	1	...	...	...	...	...	...	
112 Hydatids of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	
113 Cirrhosis of Liver	67	1	...	...	2	...	1	8	19	19	10	7	...	
114 Gallstones	32	...	...	...	...	...	...	4	4	10	10	4	...	
115 Other Diseases of Liver	41	1	1	1	1	1	2	4	3	5	10	12	...	
116 Diseases of Spleen	2	...	...	...	...	...	...	...	1	1	...	...	...	
117 Peritonitis, cause not specified	42	8	2	2	8	4	4	6	4	1	1	2	...	
118 Other Diseases of Digestive System	8	...	1	...	...	...	2	2	1	...	2	...	...	
VI. DISEASES OF GENITO- URINARY SYSTEM.														
119 Acute Nephritis	95	4	7	8	8	6	10	8	16	13	7	8	...	
120 (a) Bright's Disease	338	...	1	1	7	9	23	31	74	80	73	39	...	
(b) Uremia	22	...	...	...	...	2	...	1	2	4	8	5	...	
122 Other Dis. of Kidney, Chyluria (121)	14	...	...	...	...	1	2	2	2	4	3	...	...	
123 Urinary Calculus	8	...	...	...	...	1	2	...	1	...	4	...	...	
124 Diseases of Bladder	60	...	...	...	...	...	3	2	4	6	19	26	...	
125 Dis. of Urethra, Urinary Abscess	7	...	...	...	...	...	...	3	1	2	1	...	...	
126 Diseases of Prostate	36	...	...	...	...	...	...	...	...	3	16	17	...	
127 Diseases of Male Genital Organs (not Venereal)	1	...	...	...	...	...	...	1	...	...	...	...	...	
128 Menorrhagia, Uterine Hæmorrh- age (not Puerperal)	1	...	...	...	...	...	...	...	...	1	...	...	...	
129 Uterine Tumour (non-Cancerous)	13	...	...	...	...	...	...	2	5	3	2	1	...	
130 Other Diseases of Uterus	6	...	...	...	...	...	1	...	1	1	2	1	...	
131 Cysts, and Other Tumours of Ovary	14	...	...	...	...	...	1	3	4	3	3	...	...	
132 Other Dis. of Female Genit. Organs	6	...	...	...	...	2	4	...	...	...	...	...	...	
133 Non-Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...	
VII. DISEASES OF PREGNANCY AND CHILDBIRTH.														
134 (a) Abortion, Miscarriage	8	...	...	...	...	1	5	2	...	...	...	...	...	
(c) Uncontrollable Vomiting	3	...	...	...	...	1	...	2	...	...	...	...	...	
(d) Ectopic Gestation	3	...	...	...	...	...	2	1	...	...	...	...	...	
(e) Other Diseases and Accidents of Pregnancy (b)	4	...	...	...	...	1	...	3	...	...	...	...	...	
135 Puerperal Hæmorrhage	18	...	...	...	...	2	12	4	...	...	...	...	...	
136 Other Accidents of Childbirth	11	...	...	...	...	2	5	4	...	...	...	...	...	
137 Puerperal Sepsis	53	...	...	...	...	11	28	13	1	...	...	...	...	
138 Puerp. Albuminuria, Convulsions	24	...	...	...	...	8	8	8	...	...	...	...	...	
139 Puerperal Phlegmasia Alba Dolens, Phlebitis, Embolism	7	...	...	...	...	2	3	2	...	...	...	...	...	
140 (a) Puerperal Insanity	1	...	...	...	...	...	...	1	...	...	...	...	...	
(b) Other Puerperal Diseases	19	...	...	...	...	3	6	9	1	...	...	...	...	
141 Puerperal Diseases of Breast	...	...	...	...	...	...	...	...	...	...	...	...	...	
VIII. DISEASES OF SKIN AND CELLULAR TISSUE.														
142 (a) Senile Gangrene	44	...	...	...	...	...	...	...	...	3	19	22	...	
(b) Noma, Cancrum Oris	1	...	1	...	...	...	...	...	...	...	...	...	...	
(d) Other Gangrene (c)	10	1	...	...	...	...	...	2	1	3	3	...	...	
143 Carbuncle, Boil	6	1	1	...	...	...	...	...	3	...	...	1	...	
144 Phlegmon, Acute Abscess	28	9	4	...	1	3	...	2	5	1	3	...	...	
145 Ulcer, Other Diseases of Skin and Cellular Tissue	25	5	3	...	...	...	...	...	1	...	7	9	...	



TABLE E.—continued.

	All Ages.	Age.											Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
IX. DISEASES OF ORGANS OF LOCOMOTION.													
146 Dis. of Bones (Mastoid excluded)	24	1	3	10	7	1	...	1	...	1	...	...	...
147 Diseases of Joints	7	1	...	1	...	1	...	1	...	2	1	...	...
149 Other Dis. of Locomotor Syst. (148)	...	...	...	...	...	...	...	...	...	...	...	...	...
X. MALFORMATIONS.													
150 Congenital Malformations	91	87	2	2	...	...	...	...	...	...	...	...	...
XI. DISEASES OF EARLY INFANCY.													
151 (a) Premature Birth	458	458	...	...	...	...	...	...	...	...	...	...	...
(b) Congenital Debility, Icterus, Sclerema (c, d, e)	365	365	...	...	...	...	...	...	...	...	...	...	...
152 Other Diseases peculiar to Early Infancy	87	87	...	...	...	...	...	...	...	...	...	...	...
153 Lack of Care	...	...	...	...	...	...	...	...	...	...	...	...	...
XII. OLD AGE.													
154 (a) Senile Dementia	14	...	...	...	...	...	...	...	...	1	4	9	...
(b) Senile Decay	741	...	...	...	...	...	...	...	...	...	126	615	...
XIII. VIOLENT CAUSES.													
163 Suicide (155-162)	66	...	...	...	...	4	10	15	16	12	9	...	...
164 Poisoning by Food	1	...	...	...	...	...	...	...	1	...	...	...	...
165 Other Accidental Poisonings	7	...	...	...	...	...	3	2	...	1	1	...	...
167 Burns and Scalds (166)	77	6	38	7	4	4	4	3	3	6	2	...	...
168 Exposure to Poisonous Vapours	6	...	1	...	...	...	...	1	2	2	...	...	...
169 Drowning	138	2	3	14	12	25	21	21	11	19	5	3	2
170 Accidents with Fire Arms	14	...	...	...	...	5	2	...	5	1	...	1	...
171 Accidents with Instruments and Weapons	1	...	...	...	...	1	...	...	...	...	...	...	...
172 Accidental Falls	66	...	2	4	5	7	7	4	13	10	6	8	...
173 (a) Accidents in Coal Mines	36	...	...	...	...	5	10	7	4	10	...	...	...
(b) Accidents in Other Mines	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Accidents in Quarries	...	...	...	...	...	...	...	...	...	...	...	...	...
174 Accidents with Machinery	2	...	...	...	1	...	...	...	...	...	1	...	...
175 (a) Accidents on Railways	128	...	...	1	4	71	21	13	7	10	1	...	...
(b) Acc. with Horses and Vehicles	7	...	2	...	...	2	1	...	...	1	...	1	...
(c) Accidents with Motor Vehicles	31	...	5	5	3	2	9	2	1	2	1	1	...
(d) Accidents with Tramways	15	1	2	...	1	3	3	...	1	1	2	1	...
(e) Other crushing Accidents	6	...	2	...	1	1	...	1	...	1	...	...	...
177 Hunger	...	...	...	...	...	...	...	...	...	...	...	...	...
180 Weather Agencies (178, 179)	1	...	...	...	...	...	...	...	...	1	...	...	...
186 (a) Overlaying	12	12	...	...	...	...	...	...	...	...	...	...	...
(b) Suffocation (otherwise)	25	5	4	1	...	...	2	2	2	6	2	1	...
(c) Other Accidents (176, 181, 185)	198	2	8	7	11	22	23	29	20	18	20	38	...
184 Homicide (182, 183)	4	1	1	...	...	...	1	...	...	...	1	...	...
190 Execution	...	...	...	...	...	...	...	...	...	...	...	...	...
191 War Casualties (not Sickness)	15	...	...	...	...	2	10	2	1	...	...	...	...
XIV. ILL-DEFINED CAUSES.													
187 Dropsy	7	...	...	...	...	...	1	...	...	...	2	4	...
188 (a) Syncope	41	1	...	...	...	1	1	6	3	12	10	7	...
(b) Sudden Death (not otherwise defined)	5	...	1	...	...	...	...	1	...	1	2	...	...
189 (a) Heart Failure	196	1	5	2	...	9	5	17	21	41	59	36	...
(c) Teething	1	...	1	...	...	...	...	...	...	...	...	...	...
(e) Other Ill-defined Diseases (b, d)	29	...	8	1	1	...	2	...	2	14	...	1	...
(f) Dis. not Specified, Nat. Causes	141	43	4	2	5	3	6	14	9	15	20	19	1
All Causes	15,929	2684	1642	442	341	863	876	1103	1498	1970	2295	2211	4

TABLE F.—ANALYSIS OF MORTALITY IN EACH COUNTY AND PUBLIC HEALTH DISTRICT IN SCOTLAND DURING THE  
QUARTER ENDING 30TH SEPTEMBER 1915.

County and Public Health District.	Births (corrected).	Illegitimate Births (corrected)	Marriages.	Deaths.				Deaths of		Deaths from																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis. Pulmonary.	Other.	All Respiratory Diseases (except Phthisis).	Violence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SCOTLAND . . . . .	26,797	1811	9643	15,929	1658	1658	15,929	2684	4506	47	2	2	555	223	221	162	614	1120	552	1667	856	37	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</





TABLE F.—*continued.*

County and Public Health District.	Deaths.				Deaths of		Deaths from										
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.		Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.	Violence.
<i>Ayr County—continued.</i>																	
<i>Burghal Districts—contd.</i>																	
Largs . . . . .	16	4	...	12	2	7	...	...	...	...	...	2	...	...	...	...	...
Maybole . . . . .	18	...	2	20	2	3	...	...	...	...	1	...	...	...	1	2	1
Newmilns and Greenholm . . . . .	15	...	...	15	2	5	...	...	...	...	...	...	...	...	...	...	...
Prestwick . . . . .	13	2	6	17	...	6	...	...	...	...	...	...	...	...	...	1	...
Saltcoats . . . . .	26	2	3	27	2	13	...	...	...	...	...	1	...	...	...	3	...
Stewarton . . . . .	5	...	1	6	1	4	...	...	...	...	...	...	...	...	...	1	...
Troon . . . . .	23	3	7	27	5	9	...	...	...	...	...	1	2	1	...	...	...
<i>County Districts.</i>																	
Ayr . . . . .	117	17	16	116	26	34	...	...	...	...	2	1	2	1	4	3	7
Carrick . . . . .	28	4	...	24	3	9	...	...	...	...	...	...	1	...	...	...	...
Kilmarnock . . . . .	66	5	11	72	14	21	...	...	...	...	2	...	1	...	5	...	7
Northern . . . . .	162	19	20	163	30	45	...	...	...	...	...	1	1	3	11	...	10
<b>Banff County</b> . . . . .	<b>191</b>	<b>11</b>	<b>16</b>	<b>196</b>	<b>28</b>	<b>79</b>	...	...	...	<b>2</b>	<b>9</b>	<b>1</b>	<b>1</b>	...	<b>3</b>	<b>10</b>	<b>12</b>
<i>Burghal Districts.</i>																	
Aberchirder . . . . .	5	...	...	5	...	2	...	...	...	...	1	...	...	...	...	...	1
Banff . . . . .	26	6	2	22	1	14	...	...	...	...	...	...	...	...	...	...	3
Buckie . . . . .	35	...	3	38	9	11	...	...	...	...	7	...	...	...	...	...	1
Charlestown of Aberlour . . . . .	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...
Cullen . . . . .	5	...	...	5	2	1	...	...	...	...	...	...	...	...	...	...	...
Dufftown . . . . .	3	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...



[illegible]

TABLE F.—continued.

County and Public Health District.	Deaths from											Deaths of		Deaths.				Marriages.	Illegitimate Births (corrected.)	Births (corrected).						
	Violence.	All Respiratory Diseases (except Phthisis).	Tuber- culosis.	Other.		Diarrhœa (under 2 Years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.	Typhus Fever.	Enteric Fever.	Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Net Number.	Transferred in.				Transferred out.	Registered.				
				Pulmonary.																						
	2	9	2	1	1	...	1	...	3	...	...	...	...	36	16	88	9				4	83	49	11	148	
	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...



[illegible]

TABLE F.—continued.

	Deaths.				Deaths of		Deaths from									
					Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.	Violence.
	Registered.	Transferred out.	Transferred in.	Net Number.												
County and Public Health District.	Births (corrected).	Illegitimate Births (corrected).	Marriages.													
<b>Elgin County</b>	208	35	80	140	12	12	12	140	19	54	1	1	1	3	5	7
<i>Burghal Districts.</i>																
Burghhead	15	1	...	6	...	1	...	6	2	1	...	...	...	1	...	...
Elgin	33	5	42	44	3	17	7	40	4	17	...	...	...	1	...	...
Forres	12	5	8	16	1	10	1	17	1	10	...	...	...	...	...	...
Grantown-on-Spey	7	1	...	4	...	2	...	4	1	2	...	...	...	...	...	...
Lossiemouth	22	3	4	8	...	3	...	8	2	3	...	...	...	...	...	...
Rothies	7	1	4	3	...	2	...	7	1	2	...	...	...	...	...	...
<i>County District.</i>																
Elgin	112	19	22	59	3	19	...	58	8	19	...	1	...	...	4	5
<b>Fife County</b>	1477	85	374	813	84	276	2	840	130	276	6	26	11	20	31	50
<i>Burghal Districts.</i>																
Anstruther-Easter	2	...	...	2	...	2	...	2	...	2	...	...	...	...	...	...
Anstruther-Wester	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Auchtermuchty	1	...	4	9	1	3	...	9	1	3	...	...	...	...	...	...
Buckhaven, Methil, and Innerleven.	106	6	13	43	3	8	...	48	13	8	...	4	2	3	...	5
Burntisland	16	2	4	6	7	7	...	13	...	7	...	...	...	...	...	1
Cowdenbeath	92	5	20	36	4	9	...	39	9	9	...	2	...	...	3	2
Crail	2	...	1	3	...	2	...	3	...	2	...	...	...	...	...	...
Culross	2	...	3	1	...	1	...	1	...	1	...	...	...	...	...	...
Cupar	17	1	14	13	7	10	...	20	2	10	...	...	...	...	...	1



Dunfermline . . .	159	8	65	117	22	8	103	9	37	1	...	...	...	4	2	1	9	...	7	8
Dysart . . .	16	1	11	8	...	1	9	...	5	...	...	...	...	...	...	...	1	...	...	1
Earlsferry . . .	...	...	...	3	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...
Elie, Liberty, and Williamsburgh.	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Falkland . . .	1	...	1	5	1	...	4	...	2	...	...	...	...	...	2	1	1	...	...	...
Inverkeithing . . .	34	1	6	13	1	4	16	5	2	...	...	...	...	...	...	...	...	...	...	...
Kilrenny . . .	5	...	3	4	...	...	4	...	2	...	...	...	...	...	...	...	...	...	...	...
Kinghorn . . .	12	...	3	7	1	...	6	3	1	...	...	...	...	...	...	1	...	...	...	...
Kirkcaldy . . .	183	14	79	112	...	15	127	16	37	...	...	...	7	4	1	3	13	7	18	4
Ladybank and Monkston	5	...	...	...	...	2	2	...	1	...	...	...	...	...	...	...	...	...	...	...
Leslie . . .	17	...	2	7	...	...	7	2	2	...	...	...	...	...	...	...	...	...	...	...
Leven . . .	27	...	10	17	2	3	18	4	6	...	...	...	1	...	...	...	1	...	2	...
Lochgelly . . .	80	1	15	21	2	5	24	8	10	...	...	...	...	1	...	1	2	...	4	...
Markinch . . .	15	1	1	5	1	1	5	1	1	...	...	...	...	...	...	...	1	...	...	...
Newburgh . . .	5	...	1	7	...	...	7	...	4	...	...	...	...	...	...	...	...	...	...	...
Newport . . .	8	...	5	15	...	1	16	1	7	...	...	...	...	...	...	...	...	...	...	...
Pittenvicem . . .	5	...	...	3	...	1	4	...	1	...	...	...	...	...	...	...	...	...	...	...
St Andrews . . .	24	1	7	21	4	3	20	2	6	1	...	...	...	...	2	...	1	1	1	2
Tayport . . .	9	...	8	7	...	1	8	2	5	...	...	...	...	...	...	...	...	...	...	...
<i>County Districts.</i>																				
Cupar . . .	61	8	16	57	12	5	50	2	31	...	...	...	...	1	...	...	3	...	4	3
Dunfermline . . .	234	16	37	94	3	19	110	22	23	...	...	...	4	3	1	3	9	4	7	9
Kirkcaldy . . .	262	15	38	135	25	9	119	25	33	...	...	...	2	6	1	7	7	7	5	9
St Andrews . . .	75	5	7	41	5	6	42	3	17	...	...	...	...	1	...	...	2	2	6	2
<b>Forfar County</b>	<b>1372</b>	<b>120</b>	<b>635</b>	<b>978</b>	<b>94</b>	<b>68</b>	<b>952</b>	<b>169</b>	<b>277</b>	<b>8</b>	...	...	<b>10</b>	<b>3</b>	<b>6</b>	<b>65</b>	<b>80</b>	<b>28</b>	<b>93</b>	<b>44</b>
<i>Burghal Districts.</i>																				
Arbroath . . .	84	5	31	70	8	8	70	12	21	...	...	...	6	1	...	...	6	2	7	6
Brechin . . .	35	5	12	34	2	2	34	2	12	...	...	...	1	...	1	...	2	2	5	1
Carmonstie . . .	20	...	7	15	...	1	16	1	8	...	...	...	...	...	...	1	...	...	2	3
Dundee . . .	932	79	493	627	24	29	632	132	155	8	...	...	2	2	4	62	59	19	62	25
Forfar . . .	40	1	32	28	4	3	27	2	11	...	...	...	...	...	...	...	5	1	3	1

TABLE F.—continued.

County and Public Health District.	Deaths.				Deaths of		Deaths from										
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.		Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.	Violence.
																Other.	
																Pulmonary.	
<b>Forfar County—contd.</b>																	
<i>Burghal Districts—contd.</i>																	
Kirriemuir . . . . .	11	1	1	11	..	8	11	..	..	..	..	..	..	..	1	1	..
Monifieth . . . . .	10	1	1	10	4	3	25	..	..	..	..	..	..	..	2	..	1
Montrose . . . . .	41	5	1	37	2	16	30	..	..	..	..	1	..	..	3	..	1
<i>County Districts.</i>																	
Arbroath . . . . .	30	1	6	35	3	10	43	..	..	..	1	3	..	1	..	1	3
Brechin . . . . .	43	22	4	25	2	11	25	..	..	..	..	..	..	..	1	1	2
Dundee . . . . .	44	25	6	25	2	9	44	..	..	..	..	..	..	..	1	1	1
Forfar . . . . .	25	1	6	30	7	13	25	..	..	..	..	..	..	..	1	..	1
<b>Haddington County .</b>	<b>119</b>	<b>16</b>	<b>22</b>	<b>125</b>	<b>14</b>	<b>39</b>	<b>119</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>..</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>9</b>
<i>Burghal Districts.</i>																	
Cockenzie and Port Seton	5	1	..	4	1	1	17	..	..	..	..	..	..	..	1	..	..
Dunbar . . . . .	15	1	3	17	2	3	15	..	..	..	..	..	..	..	..	..	..
East Linton . . . . .	4	2	..	2	..	1	4	..	..	..	..	..	..	..	..	..	..
Haddington . . . . .	24	8	..	16	2	8	24	..	..	..	..	..	..	1	..	..	..
North Berwick . . . . .	7	2	3	8	..	4	7	..	..	..	..	..	..	..	..	..	1
Prestonpans . . . . .	5	..	3	8	..	1	5	..	..	..	..	1	..	..	1	..	..
Tranent . . . . .	10	..	..	10	3	3	10	..	..	..	..	..	1	..	1	..	..



[illegible]

TABLE F.—continued.

County and Public Health District.	Deaths from				Deaths of		Deaths.				Marriages.	Illegitimate Births (corrected).	Births (corrected).									
	Violence.	All Respiratory Diseases (except Phthisis).	Tuber- culosis.	Other.	Pulmonary.	Diarrhœa (under 2 Years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.	Typhus Fever.	Enteric Fever.	Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Net Number.	Transferred in.	Transferred out.	Registered.			
	..	2	2	2	2	..	..	..	..	..	..	..	..	11	2	20	4	3	19	9	4	49
	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	8	2	..	6	5	2	15
	..	2	..	..	1	..	..	..	..	..	..	..	..	7	..	12	2	3	13	4	2	34
	4	14	3	..	5	2	1	2	..	..	..	..	..	37	14	105	11	5	99	39	14	187
	..	3	1	..	..	1	..	..	..	..	..	..	..	2	2	10	2	..	8	..	1	10
	1	1	2	..	..	..	..	2	..	..	..	..	..	4	2	10	..	2	12	6	..	19
	..	2	..	..	..	..	..	..	..	..	..	..	..	1	2	8	2	..	6	2	..	5
	2	3	..	..	1	..	1	..	..	..	..	..	..	3	1	9	1	..	8	3	2	7
	..	..	..	..	2	..	..	..	..	..	..	..	..	6	3	20	3	..	17	7	3	37
	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	1
..	1	..	2	1	..	..	..	..	..	..	..	..	8	4	4	20	1	20	9	4	35	
..	1	2	..	..	..	..	..	..	..	..	..	..	7	..	7	1	..	8	1	..	6	
..	2	..	..	1	..	1	..	..	..	..	..	..	7	7	17	2	1	16	7	3	52	
..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	3	..	..	3	4	1	16	



Lanark County	9,777	513	3891	5172	339	407	5240	1086	972	16	...	...	304	74	79	42	290	373	200	684	239
<i>Burghal Districts.</i>																					
Airdrie . . .	165	6	65	54	1	10	63	9	17	1	...	...	1	...	...	...	2	2	1	8	5
Biggar . . .	4	...	3	5	...	1	6	...	3	...	...	...	...	...	1	...	...	1	...	...	...
Coatbridge . . .	298	13	68	128	5	14	137	28	22	2	...	...	...	5	...	1	7	10	7	27	5
Glasgow . . .	6453	367	3116	3849	225	245	3869	784	687	11	...	...	251	59	50	32	206	295	136	504	165
Hamilton . . .	274	12	61	96	7	18	107	27	23	...	...	...	1	1	5	1	8	9	3	15	4
Lanark . . .	29	1	14	19	3	3	19	1	7	...	...	...	...	...	...	1	...	2	1	3	...
Motherwell . . .	288	10	66	93	...	10	103	28	14	...	...	...	4	1	4	2	5	4	12	20	5
Rutherglen . . .	141	3	60	54	3	17	68	14	24	...	...	...	1	1	...	...	2	5	5	6	2
Wishaw . . .	155	3	39	75	2	10	83	17	17	...	...	...	10	1	1	...	9	5	2	9	5
<i>County Districts.</i>																					
Lower . . .	161	8	35	100	34	13	79	12	14	...	...	...	4	1	...	...	2	6	1	7	4
Middle . . .	1529	73	320	593	51	48	590	146	106	2	...	...	32	5	18	5	44	25	27	76	37
Upper . . .	280	17	44	106	8	18	116	20	38	...	...	...	...	...	...	...	5	9	5	9	7
Linlithgow County	598	28	121	205	26	44	223	50	51	...	...	...	9	3	13	...	14	15	12	19	15
<i>Burghal Districts.</i>																					
Armadales . . .	34	2	6	4	1	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Bathgate . . .	67	1	20	20	...	7	27	4	5	...	...	...	...	...	...	...	2	2	...	...	1
Borrowstouness . . .	62	4	24	44	1	6	49	14	8	...	...	...	9	...	11	...	...	4	3	5	2
Linlithgow . . .	22	1	9	7	...	...	7	...	3	...	...	...	...	...	...	...	...	...	1	...	1
Queensferry . . .	16	1	7	13	10	1	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...
Whitburn . . .	18	1	4	4	...	...	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...
<i>County Districts.</i>																					
Bathgate . . .	286	15	36	68	...	25	93	27	22	...	...	...	...	1	...	...	11	5	7	6	6
Linlithgow . . .	93	3	15	45	14	5	36	3	8	...	...	...	...	2	2	...	1	4	1	8	3
Nairn County	46	9	9	31	...	1	32	4	17	...	...	...	...	...	...	...	...	2	...	4	1
<i>Burghal District.</i>																					
Nairn . . .	20	3	8	15	...	...	15	2	9	...	...	...	...	...	...	...	...	...	...	2	...
<i>County District.</i>																					
Nairn . . .	26	6	1	16	...	1	17	2	8	...	...	...	...	...	...	...	...	2	...	2	1

TABLE F.—continued.

County and Public Health District.	Deaths from				Deaths of		Deaths.				Marriages.	Illegitimate Births (corrected).	Births (corrected).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Violence.	All Respiratory Diseases (except Phthisis).	Tuber- culosis.	Other. Pulmonary.	Diarrhœa (under 2 Years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.				Typhus Fever.	Enteric Fever.	Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Net Number.	Transferred in.	Transferred out.	Registered.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	2	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Perth County	544	44	187	402	55	48	395	44	165	2	...	...	1	1	1	2	...	9	24	12	33	17
<i>Burghal Districts.</i>																						
Aberfeldy	2	...	...	4	...	1	5	...	4	1	...	...	...	...	...	...	...	...	...	...	...	...
Abernethy	2	...	1	4	...	1	5	...	4	...	...	...	...	...	...	...	...	...	...	...	1	...
Alyth	4	...	2	6	...	1	7	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Auchterarder	11	...	3	8	...	...	8	...	6	...	...	...	...	...	...	...	...	...	...	...	1	...
Blaigowrie	10	...	11	15	2	...	13	1	7	...	...	...	...	...	...	...	...	...	2	1	1	...
Callander	5	1	3	6	...	...	6	1	3	...	...	...	...	...	...	...	...	...	1	...	...	...
Coupar-Angus	17	1	...	10	...	1	11	1	4	...	...	...	...	...	...	1	...	...	...	...	2	...
Crief	16	1	5	19	1	3	21	1	8	...	...	...	...	...	...	...	...	...	3	...	...	...
Doune	3	...	...	1	...	1	2	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
Dunblane	14	3	7	5	2	2	5	...	3	...	...	...	...	...	...	...	...	...	...	...	...	1
Perth	152	12	103	131	23	3	111	19	38	...	...	...	1	1	...	1	...	7	7	4	8	3
Rattray	10	1	1	3	...	4	7	...	4	...	...	...	...	...	...	...	...	...	...	...	...	1
<i>County Districts.</i>																						
Blaigowrie	45	7	7	29	1	4	32	6	12	1	...	...	...	...	...	...	...	1	1	1	2	2
Central	38	2	13	35	6	2	31	3	17	...	...	...	...	...	...	...	...	...	1	1	4	...
Highland	54	2	6	50	14	3	39	3	20	...	...	...	...	...	...	...	...	...	3	3	3	1
Perth	114	11	20	43	2	16	57	6	16	...	...	...	...	...	...	...	...	1	7	3	5	3
Western	47	3	5	33	4	6	35	2	15	...	...	...	...	...	...	...	...	...	2	...	5	4
<b>Renfrew County</b>	<b>1700</b>	<b>81</b>	<b>566</b>	<b>1039</b>	<b>137</b>	<b>85</b>	<b>987</b>	<b>178</b>	<b>249</b>	<b>3</b>	<b>1</b>	<b>...</b>	<b>40</b>	<b>13</b>	<b>9</b>	<b>13</b>	<b>43</b>	<b>69</b>	<b>39</b>	<b>101</b>	<b>42</b>	
<i>Burghal Districts.</i>																						
Barrhead	83	4	32	34	...	8	42	7	6	2	...	...	2	...	...	...	...	3	4	4	3	1
Gourock	61	2	11	37	7	5	35	5	11	...	...	...	...	...	1	...	...	2	...	1	1	1
Greenock	535	23	159	287	22	12	277	60	63	...	...	...	4	...	3	...	...	20	23	15	21	15
Johnstone	74	2	39	41	...	9	50	5	12	...	...	...	3	...	...	...	...	3	3	...	8	3
Paisley	494	29	177	301	17	18	302	57	68	1	...	...	27	10	2	2	13	20	11	34	13	13
Port-Glasgow	121	5	40	49	...	4	53	14	11	...	...	...	...	2	...	...	...	3	1	7	3	3
*Renfrew	87	2	26	31	...	8	39	4	8	...	...	...	...	...	...	...	...	4	1	6	1	1
<i>County Districts.</i>																						
Upper	156	9	56	175	78	13	110	18	34	...	...	...	3	1	1	1	...	7	4	15	3	3
Lower	89	5	26	84	13	8	79	8	36	...	...	...	1	...	...	..	...	4	3	6	2	2

\* Including the portion within the County of Lanark.

TABLE F.—continued.

County and Public Health District.	Deaths from											Deaths of		Deaths.				Marriages.	Illegitimate Births (corrected).	Births (corrected).																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	Violence.	All Respiratory Diseases (except Phthisis).	Tuber- culosis.	Other.		Diarrhoea (under 2 years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.	Typhus Fever.	Enteric Fever.	Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Net Number.	Transferred in.				Transferred out.	Registered.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				Pulmonary.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	17	1 1 ... .. 1	1 6 3 3 1 ... 8	3	1 1 ... .. 2	1	...	...	...	...	...	...	...	...	...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</















# REPORT ON THE WEATHER OVER SCOTLAND DURING THE QUARTER ENDING 30th SEPTEMBER 1915.

By A. WATT, M.A., F.R.S.E., under the direction of the Council of the Scottish Meteorological Society.

THE Report is based on observations made, morning and evening, at Stations of the Scottish Meteorological Society, and at some additional Stations whose returns are included by the courtesy of the Meteorological Office. The total number of contributing stations is 82.

TABLE I.—MEANS FOR ALL SCOTLAND.

1915	BARO- METER at 32° F. and Sea level.	SELF-REGISTERING THERMOMETERS.					RAIN.	
		Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount
	ins.	°	°	°	°	°		ins.
July	29·767	63·2	48·7	56·0	75	34	21	3·98
Aug.	29·950	63·7	50·5	57·1	76	30	17	3·14
Sept.	29·966	60·5	46·0	53·3	78	24	12	2·27

TABLE II.—MEANS FOR THE EIGHT PRINCIPAL TOWNS.

1915	SELF-REGISTERING THERMOMETERS.					RAIN.		WIND—NO. OF OBSERVATIONS.								
	Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Var.
	°	°	°	°	°		ins.									
July	64·5	50·0	57·3	74	39	21	3·29	2	4	4	4	4	13	20	9	2
Aug.	64·5	51·7	58·1	75	35	15	3·50	2	7	6	6	3	11	14	8	5
Sept.	61·1	47·5	54·3	75	34	11	1·79	4	5	7	9	4	8	9	9	5

## SUMMARY OF OBSERVATIONS.

In Table I., the means for the various elements are the arithmetical means of the values at all the contributing stations. That for rainfall does not represent the whole country in a quite satisfactory manner, as stations are more numerous in dry districts than in wet districts; the figures, however, are fairly comparable with the corresponding figures given for former years.

Table II., refers to eight of the principal towns only, and is extracted from the Monthly Reports already published by the Registrar-General for Scotland.

And when the figures in Table I., and those of wind-direction in Table II. are compared with the averages for 1856–1905, during the same months, they show the following characteristics and differences:—

**July 1915.**—Mean Barometric Pressure, 29·767 in.; less than the average by 0·125 in.

Mean Temperature, 56°·0; less by 1°·3.

Mean Daily Range of Temperature, 14°·5; less by 0°·4.

Rain, Number of Days, 21; greater by 6 days.

Rain, Depth in Inches, 3·98; greater by 0·86 in.

Wind, Direction of: a 4 days' excess of winds from between S.W. and N.W.

**August 1915.**—Mean Barometric Pressure, 29·950 in.; greater than the average by 0·094 in.

Mean Temperature, 57°·1; greater by 0°·5.

Mean Daily Range of Temperature, 13°·2; less by 1°·3.

Rain, Number of Days, 17; greater by 1 day.

Rain, Depth in Inches, 3·14; less by 0·54 in.

Wind, Direction of: a 3 days' excess of winds from between N.W. and N.E.

**September 1915.**—Mean Barometric Pressure, 29·966 in.; greater than the average by 0·100 in.

Mean Temperature, 53°·3; greater by 0°·5.

Mean Daily Range of Temperature, 14°·5; greater by 0°·5.

Rain, Number of Days, 12; less by 4 days.

Rain, Depth in Inches, 2·27; less by 1·25 in.

Wind, Direction of: a 6 days' excess of winds from a northerly or easterly point.

**July 1915.**—The month was characterised by a low mean pressure; a low mean temperature, with a slightly low mean daily range; a rather high mean rainfall; and an excess of winds from a westerly quarter.

The mean pressure of 29·767 in., or 0·125 in. below the normal, was about a quarter of an inch below the mean for the preceding month, and an appreciably lower mean for July has not been recorded in Scotland since 1888 (29·741 in.). Numerous cyclonic disturbances visited our Islands, most of them rather shallow and moving on a north-easterly course, and over Scotland pressure was especially low and irregular from 19th to 28th. At Leith at sea-level pressure reached 30 in. only from 1st to 3rd, and on 9th, 18th, 29th and 30th, the extremes there being 30·08 in. on 9th and 30th, and 29·36 in. on 23rd.

The mean temperature was 56°·0, or 1°·3 below the normal, the days being 1°·5 and the nights 1°·1 below their respective averages. Here and there the individual means equalled the normal, but a general deficiency was fairly well-defined, and for Scotland as a whole the month was the coldest July since 1910. The first week or so was fairly warm, with highest readings for the month in most districts on 3rd or 4th, but maxima were very moderate for midsummer, and 70° was reached at Aberdeen and Edinburgh on only a single day, the 3rd. With winds at times from east or north some decidedly cold weather occurred during the latter half of the month, with lowest readings about 16th, 18th or 26th. At Braemar the thermometer in screen fell to 34° on both 26th and 27th, and on night of 25th–26th a reading of 27° was registered by a thermometer exposed on the grass. At the very end of the month there was a recovery of temperature in western districts, and Fort William and one or two other stations recorded their maxima on 31st. The highest reading for the month was 75° at Carnoustie on 3rd.

The mean rainfall was 3·98 in., or 28 per cent. above the normal. The weather was as a rule of an unsettled type, with rather frequent thunderstorms, and some very heavy falls in short periods. Amounts of 1 in. or more within 24 hours occurred at Lochbuie (Mull) on 1st; in Aberdeenshire and Berwickshire on 7th; at Gordon Castle on 14th; in Argyllshire (2·55 in. at Lochbuie), at Buchlyvie, and at Leadhills on 18th; at Greenock on 19th; at Dunrobin, Banff and Kingussie on 24th; and at Dunrobin and Fortrose on 28th. In many districts little or no rain fell on 4th and 5th; from 7th to 10th; and during the last three or four days of the month; whilst the most generally unsettled period was from 18th to 26th. In the Orkneys and extreme north the aggregate rainfall was below the normal, as was the case in parts of Perthshire and of the West Highlands, and here and there elsewhere. At many places there was only a trifling excess, but at Nairn the month's rainfall was more than twice the normal, and at Kingussie nearly twice. In various districts the month was the wettest



July since 1910. At some eastern stations more rain fell than during the whole of the three preceding months. At Banff the total of 4·28 in. compared with an aggregate of 3·23 in. for the April–June quarter, and during the twelve hour period commencing at midnight on 24th, as much as 1·63 in. of rain fell, or more than had been recorded during the whole of May and June. It is noteworthy that no general rainstorm occurred in Scotland comparable with one experienced on 16th over England and Wales, when wide areas received 1 in. and considerable areas 2 in. or more. On that date the centre of a depression passed on an almost due easterly course across the Midlands of England, but in Scotland only the more southerly districts were affected to any extent.

Rather severe thunderstorms were fairly general on 26th and 27th, with flooding in places, and heavy hail. Earlier in the month thunderstorms had occurred more locally on 1st; at Edinburgh and elsewhere on 4th; on 5th; from 13th to 15th; and on 22nd and 23rd. At various places thunder or fully developed thunderstorms occurred on 5 or more days.

Sunshine amounts were below the normal in the north; about equal to the normal towards the south-east; and above it in the west. As a rule the duration averaged about 2 hours per day less than in June.

But little coast fog occurred.

Aurora was not reported.

**August 1915.**—The month was characterised by a rather high mean pressure; a slightly high mean temperature, with a rather low mean daily range; a somewhat low mean rainfall, and an excess of winds from between north-west and north-east.

The mean pressure was 29·950 in., or 0·094 in. above the normal. Until 16th conditions were continuously of a disturbed cyclonic type, though after the first few days the depressions affecting our Islands were usually very shallow. From 17th to 27th a large anti-cyclone spreading in from the Atlantic was associated with very settled conditions in nearly all districts, whilst on 28th there was a return to an unsettled cyclonic type of weather. At Leith, at sea-level, barometer readings reached 30 in. on 7th, from 17th to 27th, and on 31st, the extremes there being 30·18 in. on evening of 22nd and 29·60 in. on morning of 2nd. The extreme range of pressure was below the normal.

In most districts the mean temperature of the month was rather above the normal, though a few stations showed a trifling deficiency. The general mean was 57°·1, or 0°·5 above the normal, and with days hardly equal to the average but nights 1°·2 above, the mean daily range was rather low. During the first week temperature was fairly high in the west and south but below the normal in eastern districts, and in the west Oban and a few other stations recorded their maxima for the month on 2nd. Warm and sultry conditions prevailed during the second week, and over wide areas the 10th, 11th or 12th was the warmest day of the month. The third week was rather cooler, whilst that ending 28th was in general warm and sunny, and in some eastern districts the warmest of the summer. During the last three days there was a sharp drop in temperature, with minima for the month at that time, slight frost here and there, and low day readings for the time of year. At Braemar and West Linton on night of 30th–31st the thermometer in screen fell to 30°, and at Braemar a reading of 24° was recorded by a thermometer exposed on the grass. The highest reading reported was 76° at Balmoral on 25th and at Logie Coldstone (Loanhead) on 27th.

During the first half of the month there was a continuance of the unsettled weather of July, and thunderstorms were frequent in many districts, with some very heavy falls in short periods. From 16th to 27th, on the other hand, very settled conditions were general, except in the extreme north-west, followed by rather heavy falls in the east on 28th and 31st. The month's aggregates were above the normal in the Upper Spey valley, over a small part of Perthshire and Forfarshire, and in Fife, Midlothian and East Lothian, but deficient elsewhere,



and in the extreme north and extreme south-west only about one-third of the normal. At Wick the aggregate was less than 1 in. In the Edinburgh area (5·67 in. at Blackford Hill, 7·05 in. at the University, and 6·18 in. at Leith), amounts were more than twice the normal, and during the last 100 years a wetter August has been experienced in Edinburgh only in 1877 (8·33 in.). The region of very excessive rainfall did not extend far inland. The mean rainfall of the reporting stations was 3·14 in., or 15 per cent. below the normal, but the greater part of Scotland had a much more pronounced relative deficiency. Falls exceeding 1 in. occurred at Kirkcaldy on 1st; here and there on 2nd; at Edinburgh on 4th; at Glencarron on 5th; at Fortrose on 11th; at Edinburgh and elsewhere on 12th; at Kingussie and at Leadhills on 14th; and at Edinburgh on 31st. Of heavy falls in short periods we may note one of 1·75 in. in an hour at Biggar on afternoon of 2nd; nearly 1 in. in 40 minutes at Edinburgh on afternoon of 4th; and as much as 2·30 in. at Turnberry during the afternoon of 12th.

Severe thunderstorms occurred in various districts, but especially towards the Borders, on 2nd; at Edinburgh, Perth and elsewhere on 4th; over wide areas on 12th, 13th and 14th,—at Edinburgh on each of those days; and less widely on 11th and 15th. These thunderstorms were frequently accompanied not only by rain but by heavy hail, and in their greatest intensity were as a rule very local in character. Remarkable flooding occurred at times, especially at Carstairs on 2nd.

Sunshine amounts were in general below the normal. At Deerness the total of 45 hours was only 10 per cent. of the possible, and not much more than one-third of the normal.

Fog occurred around the north of Scotland from 11th to 15th, and at various points of our coasts on 9th and 10th.

Aurora was observed at Stornoway on 8th.

**September 1915.**—The month was characterised by a rather high mean pressure; a slightly high mean temperature, with a slightly high mean daily range; a mean rainfall considerably below the normal; and a large excess of northerly and easterly winds.

The mean pressure was 29·966 in., or 0·100 in. above the normal. After the first day or two the pressure distribution over our area was mainly of an anti-cyclonic type until about 22nd, though around 12th and 16th low pressure systems encroached on our northern coasts. On 23rd a “low” had developed off the west of Ireland, and by 25th the centre of this had reached the south of Scotland; on 26th it passed up the east coast, and on 27th moved away over the North Sea. At Leith, at sea-level, pressure was above 30 in. from 4th to 12th, and from 16th to 22nd, the extremes there being 30·34 in. on 11th and 29·26 in. on 26th.

The mean temperature was 53°·3, or 0°·5 above the normal, the days being 0°·7 and the nights 0°·2 above their respective averages. The cold northerly type of weather which had set in towards the end of August persisted during the first few days of September, and on 4th West Linton recorded a minimum of 27° in screen. There then followed a more or less continuous spell of warm sunny weather, though with cold nights at times, and highest readings for the month in almost all districts between 7th and 10th. On 8th Logie Coldstone (Loanhead) reached 78°, with 77° at Crathes on 7th, at Gordon Castle on 8th, and at Nairn on 10th. Towards the end of the month cold winds from some northerly or easterly point prevailed, and during the last three days both days and nights were cold, with exceptionally low minima in southern districts. The lowest reading in screen was 24° at Kilmarnock on 29th; on that day the maximum temperature at Aberdeen was only 47°; and on night of 27th–28th the temperature on grass at Dumfries fell to 25°. Minima for the month occurred in nearly all districts on 28th, 29th or 30th, but at Balmoral and Braemar on 11th, and here and there on 3rd or 4th.

As regards rainfall, rather heavy falls occurred on 1st towards south-east and



moderate falls in various districts about 6th or 12th, but everywhere there were many rainless days until 15th, and over somewhat wide areas the first half of the month was practically rainless. On 16th and 17th conditions were rather unsettled, except in south and south-west, with fine weather again until 23rd. On night of 24th heavy to moderate rains were general over a large part of the country,—as much as 1·40 in. at Edinburgh. On 25th, with strong north-easterly winds, extremely heavy rains occurred towards the north of Scotland, with considerable falls over a more limited area on 26th. On 25th the zone of maximum rainfall lay around the upper reaches of the Moray Firth,—as much as 4·07 in. at Fortrose, 3·78 in. at Nairn, 3·64 in. at Inverness, 3·33 in. at Aviemore, 2·94 in. at Elgin, and 2·65 in. at Gordon Castle. To the immediate north of this area the falls were smaller, but in the extreme north they were again very heavy,—as much as 2·57 in. at Tongue. On 26th Nairn had 1·69 in., Gordon Castle 1·48 in., and Elgin 1·36 in. The greatest aggregate for the 48-hour period ending on morning of 27th was 5·47 in. at Nairn. Fine weather was experienced in south from 25th onwards, and over wide areas from 26th onwards; whilst towards north-east and north conditions remained unsettled during the last few days of the month, with somewhat heavy falls in Aberdeenshire on 29th. The remarkably heavy falls of 25th and 26th brought the month's aggregates in some northern districts much above the normal, and at Nairn the total was nearly thrice the normal, but with an unusually small number of rain days the area of excess was very limited, and over a large part of the country there was a pronounced shortage. Considerable areas in west and south had only one-third or less of the normal, and some stations had less than 1 in.,—Ardwell House, in Wigtownshire, only 0·53 in. The mean rainfall of the reporting stations was 2·27 in., or 36 per cent. below the normal.

The heavy rains of 25th and 26th caused disastrous flooding in the counties of Banff, Moray, Nairn and Inverness, and in districts farther north. On the Highland Railway there was great interruption to traffic; many bridges and culverts were carried away; and crops destroyed by the inundation of agricultural lands. In the Spey valley and adjoining regions the floods appear to have been the most serious experienced since the historic "Moray Floods" of 1829, and at Elgin the river Lossie rose to within 4 inches of the high water mark of that year. The rains were accompanied by a gale from north-north-east which did great damage at Buckie Harbour and elsewhere.

Thunder occurred at one or two places on 2nd and 13th, and a thunderstorm at various points in south and south-west on night of 24th-25th.

Sunshine amounts were above the normal and considerably above those for August.

Aurora was observed at Aberdeen on 28th.

---

*Note.*—The averages for Temperature and Rainfall referred to in the returns for individual stations are for the 40 years 1866–1905, but at the stations whose returns are supplied by the Meteorological Office the averages are for the 35 years 1871–1905. For stations where the actual observations do not cover the entire period of 35 or 40 years, the averages have been adjusted by comparison with neighbouring stations. The Sunshine averages are, as a rule, for the 25 years 1881–1905, but at Edinburgh (Blackford Hill) for the 13 years 1901–1913.

The amount of cloud is estimated on a scale of 0–10, and a day is reckoned as a day of "clear sky" if the average of the estimates at the hours of observation is less than 2, and as an "overcast" day if the average is greater than 8.

The "Height of Station" is that of the cistern of the Barometer above Mean Sea-Level or, where no barometer is in use, the height of the rain-gauge above Mean Sea-Level.

It is to be noted that the observations of pressure have not been adjusted to mean sea-level or Lat. 45°, but are at the heights and latitudes of the various stations.



STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.			
			Mean of Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
				Maximum.	Minimum.		Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
SHETLAND—	feet.	inch.	°	°	°	°	°	°	°	°	°	°	inch.	%
†Baltasound - - -	31	...	...	...	...	...	...	...	...	...	...	...	...	...
*Lerwick - - -	59	29.667	56.5	48.3	52.4	- 0.4	61	3rd, 21st, 23rd	41	13th	51.8	1.8	.338	87
ORKNEY—														
Deerness - - -	163	29.559	58.0	49.3	53.7	- 0.5	64	6th	44	16th	53.1	1.7	.357	88
†Kirkwall - - -	72	29.653	59.9	48.6	54.3	- 0.7	67	22nd	42	2nd, 16th	...	...	...	...
CAITHNESS—														
*Wick - - -	94	29.638	57.7	48.1	52.9	- 2.4	64	4th	40	17th	52.6	1.2	.364	92
SUTHERLAND—														
Dunrobin - - -	16	...	61.5	49.1	55.3	- 0.8	67	4th, 19th.	41	13th	55.6	2.8	.365	82
ROSS & CROMARTY—														
†Fortrose - - -	69	...	64.7	50.8	57.8	...	74	2nd	45	13th	58.1	3.1	.392	80
Strathpeffer - - -	210	29.526	64.2	49.8	57.0	+ 0.5	71	3rd	42	16th	56.0	3.1	.363	80
Glencarron - - -	504	29.213	59.5	47.6	53.6	- 1.7	68	18th	41	26th, 31st	53.1	2.9	.326	80
*Stornoway - - -	52	29.686	59.8	48.9	54.4	- 0.4	63	2nd, 18th, 26th	43	13th, 26th	53.2	1.5	.363	90
INVERNESS—														
*Castlebay - - -	48	29.708	58.8	51.3	55.1	- 2.1	63	30th	48	13th, 16th, 29th	54.7	1.6	.382	90
Inverness - - -	114	29.631	62.7	50.8	56.8	- 0.2	68	5th	45	18th	57.5	4.0	.359	76
Fort-Augustus - - -	73	29.673	62.8	49.5	56.2	- 0.9	68	5th, 19th	41	26th	56.1	3.0	.367	81
Fort-William - - -	38	29.724	63.9	49.3	56.6	- 0.6	72	31st	41	26th	55.1	2.2	.371	85
Kingussie - - -	828	28.843	61.5	46.7	54.1	- 1.3	69	4th	36	26th	53.8	3.2	.327	79
NAIRN—§Nairn - - -	82	29.650	63.4	48.5	56.0	- 1.4	72	3rd, 19th	41	13th, 17th	56.6	3.3	.365	79
ELGIN OR MORAY—														
Gordon Castle - - -	107	29.628	63.4	48.9	56.2	- 1.0	72	19th	40	17th	55.4	2.2	.377	86
BANFF—†Banff - - -	64	29.673	60.9	49.2	55.1	...	71	3rd	38	13th	57.0	2.3	.397	85
ABERDEEN—														
Braemar - - -	1114	28.580	60.6	43.8	52.2	- 2.9	68	3rd, 4th	34	26th, 27th	52.9	3.3	.315	79
†Balmoral - - -	927	28.770	63.5	45.0	54.3	- 1.3	70	4th	39	17th, 26th	53.9	1.8	.364	88
†Logie Coldstone - - -	608	...	61.6	46.6	54.1	- 1.9	71	19th	37	25th	...	...	...	...
Loanhead - - -	747	28.954	62.5	47.3	54.9	- 0.9	71	19th, 23rd	40	16th, 26th	55.4	2.5	.368	84
Aberdeen, King's Coll. - - -	88	29.654	60.6	49.3	55.0	- 2.2	69	3rd	43	13th	55.8	3.5	.350	78
KINCARDINE—														
†Crathes - - -	145	29.589	64.7	48.0	56.4	- 0.9	73	3rd	38	16th	58.4	4.6	.357	73
FORFAR—														
†Montrose - - -	200	...	62.7	48.9	55.8	- 1.7	69	3rd, 5th	43	16th	...	...	...	...
Arbroath - - -	70	29.684	64.3	50.4	57.4	- 0.1	73	5th	44	26th	57.0	3.5	.364	78
†Lednathie - - -	720	...	63.2	46.7	55.0	- 1.0	70	5th, 23rd	35	26th	...	...	...	...
†Carnoustie - - -	39	...	64.5	50.0	57.3	...	75	3rd	42	26th	...	...	...	...
Dundee, E. Necropolis - - -	164	29.579	66.5	50.0	58.3	- 0.4	74	3rd, 5th	45	16th, 18th	56.6	2.5	.386	84
†Dundee, Harbour - - -	20	...	66.0	52.0	59.0	- 0.3	73	3rd	45	26th	...	...	...	...
†Dundee, Coll. Gds. - - -	244	...	64.1	48.5	56.3	...	71	3rd	40	26th	57.6	3.1	.359	76
Balruddery - - -	276	...	66.2	48.7	57.5	- 1.4	73	3rd	42	9th, 15th, 16th	...	...	...	...
†Kettins - - -	218	...	64.7	47.0	55.9	...	72	4th	38	18th, 26th	57.9	4.6	.351	73
PERTH—														
Perth - - -	82	29.677	66.7	48.8	57.8	- 0.8	73	3rd, 4th	39	26th	57.2	3.4	.370	79
Crieff - - -	436	29.304	65.0	48.0	56.5	- 2.3	71	3rd	44	13th, 26th, 30th	56.0	3.7	.348	77
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—														
†St Andrews - - -	20	...	64.9	48.8	56.9	...	72	3rd	40	26th	...	...	...	...
†Cupar - - -	210	...	62.8	48.3	55.6	- 2.2	72	3rd	41	26th	...	...	...	...
Lathallan - - -	522	29.210	62.2	47.6	54.9	...	69	3rd	40	16th	54.3	2.6	.349	82
†Kirkcaldy - - -	100	29.663	60.4	50.5	58.5	...	73	3rd	44	18th, 26th	58.8	3.9	.380	77
STIRLING—Buchlyvie - - -	125	29.640	65.7	47.4	56.6	- 0.8	72	3rd, 31st	39	26th	57.1	3.8	.358	77
DUMBARTON—														
†Helensburgh - - -	22	...	65.5	49.0	57.3	- 0.2	72	3rd	41	29th	...	...	...	...
†Kilmahew - - -	130	...	63.4	48.4	55.9	...	70	3rd	40	29th	...	...	...	...
†Dumbarton - - -	27	29.744	65.1	51.7	58.4	+ 0.1	72	4th	46	17th, 19th	59.1	3.8	.387	77
ARGYLL—														
Ardtornish - - -	40	29.731	66.8	49.2	58.0	...	74	10th	40	29th	55.4	2.6	.366	84
†Lochbuie - - -	20	...	62.1	48.5	55.3	- 1.7	70	31st	38	29th	...	...	...	...
§Oban - - -	23	29.751	61.6	48.2	54.9	- 2.0	66	7th, 8th, 31st	42	29th	56.2	3.5	.355	78
†Poltalloch - - -	135	...	62.5	49.7	56.1	- 1.7	70	3rd	43	18th	...	...	...	...
Ardnadam - - -	64	...	64.4	49.8	57.1	...	70	6th, 31st	42	13th	...	...	...	...
BUTE—Rothesay - - -	187	29.605	62.1	49.8	56.0	- 1.4	67	3rd, 5th	45	13th	55.4	2.7	.363	83
RENFREW—														
†Greenock - - -	233	29.519	63.7	50.2	57.0	- 0.4	70	3rd	44	18th, 29th	57.2	3.6	.365	78
Paisley - - -	107	29.667	66.0	50.6	58.3	- 0.4	73	31st	45	18th, 26th	57.4	3.6	.368	78

\* At 7 a.m. and 9 p.m.      † At 9 a.m. only.      § At 7 a.m. and 6 p.m.      ‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS. Number of Observations at 9 a.m. and 9 p.m.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
Mean at 9 a.m. and 9 p.m. Scale 0-10.			Amount.	Day of Month.																			
		inch.	inch.	inch.																			
7.8	16	3.70	...	1.69	25th	0	0	0	0	15	8	0	8	6	3	7	11	7	4	10	6		
8.3	14	1.94	-0.91	0.64	13th	0	0	0	0	19	2	0	7	3	5	8	7	3	10	6	13		
7.1	17	1.78	-0.83	0.65	23rd	0	0	0	0	5	1	0	6	0	4	4	8	10	10	12	8		
8.1	22	2.52	-0.22	0.75	22nd	0	0	1	0	17	3	0	5	7	1	7	6	4	10	15	7		
7.1	17	4.43	+1.79	1.21	28th	0	0	0	0	8	0	0	6	1	2	9	0	0	4	4	36		
5.9	21	4.00	...	1.25	28th	0	0	1	0	5	0	0	8	12	20	0	0	0	8	14	0		
7.9	23	4.30	+1.23	0.65	25th	0	0	1	0	13	0	0	1	3	5	1	2	10	17	1	22		
8.3	27	4.73	-0.82	0.60	27th	0	0	0	1	20	0	0	8	1	14	0	0	0	38	0	1		
7.3	24	2.87	-0.16	0.55	27th	0	0	1	0	10	1	0	9	11	2	1	10	9	11	6	3		
7.5	19	2.48	...	0.67	18th	0	0	0	0	15	0	0	7	2	2	4	9	11	13	11	3		
...	20	2.99	+0.23	0.63	28th	0	0	2	...	...	0	0	5	9	4	0	2	21	8	13	0		
8.5	21	3.01	+0.05	0.57	3rd	0	0	1	1	21	0	0	4	14	0	0	2	36	6	0	0		
8.3	24	4.18	-1.00	0.82	3rd	0	0	1	1	21	6	0	0	6	2	0	0	24	12	2	16		
8.7	23	4.51	+2.15	1.08	24th	0	0	0	0	21	0	0	2	5	1	1	2	9	20	10	12		
7.3	26	5.74	+2.97	1.61	14th	0	0	1	0	7	0	0	3	6	5	0	1	3	19	4	21		
8.3	25	4.34	+1.24	1.19	14th	0	0	5	0	17	0	0	3	3	1	7	4	22	5	17	0		
7.7	23	4.28	...	1.35	24th	0	1	5	0	13	0	0	11	10	1	0	11	7	5	11	6		
6.5	25	3.11	+0.28	0.47	24th	0	0	2	0	7	0	0	0	8	2	0	10	24	12	6	0		
6.6	22	3.48	...	0.57	7th	0	0	1	1	12	0	0	2	0	2	2	6	26	18	6	0		
...	24	4.51	...	0.93	7th	0	0	2	...	...	0	0	0	0	12	26	4	8	0	0	12		
8.3	23	3.39	+0.42	1.03	7th	0	0	2	1	21	0	0	2	4	6	0	1	4	11	14	20		
6.6	22	4.29	+1.39	1.06	7th	0	0	5	1	12	0	0	3	4	3	7	13	6	4	8	14		
8.0	25	5.58	...	1.27	7th	0	1	4	1	16	0	0	8	6	2	10	6	8	4	14	4		
...	23	4.81	+1.89	0.75	7th	0	0	2	...	...	3	0	8	0	0	0	30	6	12	6	0		
6.6	23	3.57	+0.88	0.56	13th	0	0	5	0	6	3	0	4	6	6	8	8	17	5	8	0		
...	20	4.24	+0.66	0.76	24th	0	0	1	...	...	0	0	0	2	0	8	4	26	10	12	0		
...	19	4.56	...	0.78	7th	0	0	3	...	...	0	0	5	1	7	5	4	7	31	2	0		
8.1	19	3.44	+0.53	0.63	19th	0	0	4	0	17	0	0	0	8	0	9	0	25	3	17	0		
...	23	4.09	...	0.59	30th	0	0	4	...	...	0	0	2	4	8	0	0	16	24	8	0		
7.7	19	3.48	...	0.40	14th	0	0	6	0	18	0	0	6	4	4	2	2	6	24	10	4		
...	21	3.89	...	0.70	25th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
6.8	20	3.35	...	0.47	15th	0	0	4	2	11	0	0	6	2	0	2	2	8	24	12	6		
7.3	18	2.33	-0.69	0.40	19th	0	0	4	1	13	2	0	3	1	7	3	9	30	5	2	2		
7.7	18	2.35	-0.81	0.37	18th	0	1	2	1	13	0	0	5	0	13	1	3	4	29	7	0		
7.8	13	3.35	-1.26	0.77	26th	0	0	2	0	13	0	0	0	10	0	12	0	14	0	26	0		
...	18	3.10	...	0.47	19th	0	0	2	...	...	0	0	0	10	0	6	0	20	16	10	0		
...	22	3.54	+0.95	0.65	27th	0	1	5	...	...	0	0	2	4	4	4	2	4	14	28	0		
7.6	17	3.93	...	0.94	7th	0	2	3	0	13	1	0	2	6	4	5	10	24	2	4	5		
6.6	22	3.16	...	0.53	7th	0	0	3	3	10	0	0	...	...	...	...	...	...	...	...	...		
6.5	25	4.75	+1.61	1.00	18th	0	0	5	1	7	1	0	3	1	5	0	1	10	14	25	3		
6.9	19	3.34	+0.02	0.70	18th	0	0	3	1	8	0	0	2	0	4	0	2	10	18	4	22		
...	22	3.27	...	0.53	15th	0	0	3	...	...	0	0	2	0	2	4	26	10	14	0	4		
...	21	3.27	+0.11	0.44	19th	0	0	2	...	...	0	0	14	10	6	2	2	16	4	0	8		
...	24	6.23	...	1.74	18th	0	0	0	...	...	0	0	13	6	1	5	7	9	14	7	0		
...	24	9.48	...	2.55	18th	0	0	0	...	...	0	0	10	10	2	2	8	20	6	4	0		
6.5	22	5.47	...	1.04	18th	0	0	1	4	13	0	0	2	2	3	7	3	20	11	10	4		
...	23	4.76	+0.58	0.61	18th, 19th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
7.5	23	5.89	...	0.91	18th	0	0	1	2	16	0	0	3	2	2	0	6	15	11	17	6		
7.1	21	4.54	+0.65	0.73	18th	0	0	1	0	13	3	0	2	3	2	2	3	12	22	16	0		
6.7	22	4.12	+0.24	1.05	19th	0	0	3	0	7	0	0	0	3	1	3	0	5	27	23	0		
7.3	21	3.10	+0.30	0.74	19th	0	0	3	1	15	0	0	6	2	6	0	3	6	25	7	7		

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
			Maximum.	Minimum.											
A.Y.R.—†Kilmarnock	feet.	inch.	°	°	°	°	°	°	°	°	°	°	°	inch.	%
Agricultural College	90	...	64.1	48.1	56.1	-2.6	70	3rd	40	29th	59.0	4.2	.375	75	
†Turnberry	97	29.700	62.7	50.9	56.8	-0.7	68	3rd	45	30th	57.1	2.9	.382	81	
†Benwhat	1177	...	...	...	...	...	...	...	...	...	...	...	...	...	
†Colmonell	150	29.646	64.3	49.5	56.9	-0.4	71	2nd	40	30th	57.6	2.4	.404	84	
LANARK—															
Glasgow, Belvidere	54	...	65.3	51.1	58.2	-0.6	72	4th	43	26th	...	...	...	...	
Glasgow Observatory	184	29.573	63.3	50.8	57.1	-0.9	70	4th	46	18th, 26th	56.1	3.5	.354	78	
*Glasgow, Springburn Park	355	29.397	63.3	49.1	56.2	...	70	31st	42	26th	53.4	2.2	.347	85	
†Thorntonhall	440	...	63.3	46.8	55.1	...	70	31st	40	18th, 26th	56.3	3.0	.369	81	
†Hamilton	140	...	64.2	48.7	56.5	...	71	6th	39	26th	...	...	...	...	
†Dungavel	800	...	60.0	46.0	53.0	...	66	3rd	40	13th	...	...	...	...	
†Leadhills	1310	...	59.7	44.7	52.2	-1.7	65	4th, 6th, 30th	40	14th, 18th	51.3	2.0	.327	86	
LINLITHGOW—															
Bangour	584	29.146	62.1	46.9	54.5	...	69	3rd, 4th	39	18th, 26th	54.2	1.9	.366	87	
EDINBURGH—															
Edinburgh, Blackford	441	29.299	63.4	49.9	56.7	0.0	70	3rd	46	13th, 25th, 26th	55.6	3.3	.352	79	
†Edinburgh, Liberton	190	...	64.7	48.4	56.6	...	72	3rd	39	26th	57.6	4.6	.346	73	
†Edinburgh, Univ.	227	...	65.4	51.3	58.4	...	73	3rd	47	25th	58.5	5.0	.349	71	
†Leith	76	29.697	63.5	50.6	57.1	-1.4	72	3rd	44	26th	58.1	4.2	.364	75	
Dalkeith	190	...	64.0	49.4	56.7	-1.3	73	3rd	39	28th	...	...	...	...	
HADDINGTON—															
†Smeaton	100	...	...	49.3	...	...	...	...	42	16th	...	...	...	...	
BERWICK—															
Marchmont	500	29.249	63.5	47.2	55.4	-1.5	71	3rd, 6th	41	26th	55.5	3.2	.352	80	
Duns	500	...	63.1	47.1	55.1	-1.8	72	3rd, 6th	40	18th, 26th	...	...	...	...	
PEEBLES—															
†West Linton	770	...	61.7	45.5	53.6	...	68	3rd, 4th, 5th	34	26th	56.5	3.2	.364	80	
†Glen	754	...	64.0	46.2	55.1	-1.3	71	6th	36	26th	56.7	4.4	.339	73	
ROXBURGH—															
†Kelso (Broomlands)	195	...	65.5	48.2	56.9	-1.1	72	6th	40	25th	58.2	4.0	.369	76	
Wolfelee	537	...	63.1	46.2	54.7	-2.2	68	4th, 6th, 31st	36	26th	54.5	2.7	.350	82	
DUMFRIES—															
Eskdalemuir	778	28.958	61.0	44.8	52.9	...	68	4th	35	26th	53.2	2.7	.333	82	
†Drumlanrig	191	...	63.9	48.8	56.4	-1.6	70	30th	40	13th, 25th, 29th	...	...	...	...	
Dumfries	155	29.646	63.4	49.8	56.6	-2.5	70	4th	43	29th	55.9	3.3	.357	80	
Comlongon	74	29.726	64.9	49.8	57.4	...	71	4th	40	29th	...	...	...	...	
KIRKCUDBRIGHT—															
Cargen	85	29.712	64.8	49.0	56.9	-1.7	71	4th	42	29th	...	...	...	...	
Cally	120	...	64.2	48.7	56.5	-1.6	69	4th, 6th, 30th	41	13th, 16th	56.7	3.0	.373	81	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

BRIGHT SUNSHINE.

JULY 1915.				JULY 1915.			
Total Observed.		Difference from Average.	Percentage of Possible.	Total Observed.		Difference from Average.	Percentage of Possible.
Hours.		Hours.	%	Hours.		Hours.	%
Baltasound	...	...	...	St Andrews	170	...	33
Deerness	132	- 7	25	Oban	153	...	29
Strathpeffer	108	- 22	20	Helensburgh	157	...	30
Stornoway	124	- 20	23	Cardross (Kilmahew)	170	...	33
Castlebay (Barra)	187	...	36	Rothsay	192	...	37
Fortrose	136	...	26	Paisley	169	+25	33
Inverness	77	...	15	Glasgow Observatory	164	+20	82
Fort Augustus	95	- 5	18	Do., Springburn Park	172	...	33
Nairn	124	...	24	Thorntonhall	160	...	31
Gordon Castle	117	...	22	Kilmarnock	209	...	41
Banff	132	...	25	Turnberry	200	...	39
Carrbridge	88	...	17	Edinburgh	166	0	32
Aberdeen (King's Col.)	137	- 26	26	West Linton	146	...	28
Crathes	97	...	19	Marchmont	167	- 4	32
Carnoustie	189	...	36	Duns	...	...	...
Dundee, Coll. Grds.	172	...	33	Eskdalemuir	153	...	30
Balruddery	157	...	30	Dumfries	163	...	32
Perth	172	...	33	Comlongon	148	...	29



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.							
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.							
Mean at 9 a.m. and 9 p.m. Scale 0-10.				Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
7·7	19	inch. 4·12	inch. ...	inch. 0·79	19th	0	0	5	0	16	0	0	4	2	0	6	4	20	22	4	0
7·5	16	3·08	+0·24	0·52	19th	0	0	1	0	13	0	0	6	2	4	2	8	10	28	2	0
...	24	5·90	...	0·71	18th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7·3	19	3·41	+0·23	0·60	16th	0	0	1	2	13	0	0	4	4	0	6	0	10	34	4	0
...	21	2·92	- 0·07	0·54	19th	...	...	...	...	...	...	...	0	4	1	1	0	21	13	6	16
7·7	22	3·72	+0·42	0·61	18th	0	0	5	1	15	0	0	3	5	1	1	4	11	30	5	2
7·1	20	3·99	...	0·67	19th	0	1	5	0	10	0	0	3	4	4	2	1	16	27	5	0
7·3	20	4·06	...	0·64	27th	0	2	3	0	7	0	0	2	4	0	2	0	30	14	10	0
7·2	19	3·10	...	0·52	16th	0	0	3	0	10	0	0	0	2	2	4	0	18	10	26	0
...	24	6·36	...	0·64	27th	0	0	3	...	...	0	0	0	0	10	0	2	24	20	4	2
...	23	7·73	...	1·38	18th	0	0	0	...	...	0	0	4	2	2	0	24	8	12	2	8
6·5	22	3·71	...	0·56	7th	0	1	7	0	5	0	0	2	5	4	2	0	7	20	22	0
6·4	21	2·72	+0·12	0·79	7th	0	1	3	2	3	1	0	2	3	5	4	5	13	24	3	3
8·1	23	3·03	...	0·84	7th	0	0	3	1	19	3	0	0	0	4	6	0	10	32	10	0
...	22	2·78	+0·07	0·78	7th	0	0	4	...	...	0	0	...	...	...	...	...	...	...	...	...
7·1	23	2·61	- 0·32	0·48	7th	0	0	1	2	13	0	0	0	4	6	2	2	10	34	4	0
5·8	22	3·54	...	0·84	7th	0	0	3	3	8	0	0	2	5	3	2	1	26	22	1	0
7·9	21	3·65	+0·58	0·95	7th	0	0	6	2	16	0	0	0	10	0	4	0	34	0	14	0
7·9	20	4·57	+1·23	1·24	7th	0	1	3	0	19	0	0	4	1	11	1	7	6	19	13	0
...	20	4·55	+1·49	1·25	7th	0	1	2	...	...	0	0	3	14	1	9	13	18	0	4	0
7·6	21	6·47	...	1·45	7th	0	2	6	0	11	2	0	4	2	2	4	8	18	20	4	0
...	16	3·19	...	0·86	7th	0	1	2	...	...	0	0	1	3	0	0	11	13	18	16	0
6·9	23	2·55	- 0·27	0·65	7th	0	0	1	0	5	0	0	0	4	4	0	2	38	14	0	0
7·1	28	3·94	+0·85	0·87	7th	0	1	6	0	8	0	0	1	8	1	1	2	27	13	9	0
7·2	22	5·04	...	0·71	18th	0	0	5	0	10	3	0	4	3	1	0	10	16	16	3	9
...	21	4·93	+1·56	0·81	18th	0	0	0	...	...	0	0	2	6	6	10	4	14	10	8	2
6·3	19	2·75	- 0·39	0·47	6th	0	0	0	1	8	0	0	2	7	0	0	7	17	20	9	0
6·2	19	4·58	...	0·76	27th	0	0	1	3	10	0	0	3	4	2	3	7	18	7	9	9
...	19	3·94	+0·79	0·67	15th	0	1	2	...	...	0	0	3	4	3	0	11	18	15	8	0
5·8	19	4·27	+0·70	0·71	16th	0	0	0	3	5	0	0	4	3	0	4	1	16	1	33	0

## EARTH TEMPERATURE.

JULY 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - -	...	...	...
Dunrobin, - - -	58·7	...	...
Inverness - - -	...	...	...
Aberdeen - - -	...	52·8	...
Crathes - - -	57·1	53·5	...
Dundee, Coll. Garden - -	59·0	...	...
St. Andrews - - -	59·3	54·7	...
Rothesay - - -	59·6	55·8	...
Paisley - - -	59·0	54·0	...
Edinburgh, University -	58·0	55·8	49·7
Do. Liberton - - -	57·0	...	...
Smeaton - - -	60·3	...	...
Dumfries - - -	59·4	57·6	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.		
			Mean of				Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.		
			A. B.		Mean of A and B.	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.
			Maximum.	Minimum.									
SKETLAND—	feet.	inch.	°	°	°	°	°		°		°	°	inch.
†Baltasound - - -	31												
*Lerwick - - -	59	29·831	56·5	50·6	53·6	+0·6	61	6th, 14th	44	29th, 30th	53·3	1·4	·367
ORKNEY—													
Deerness - - -	163	29·747	57·3	51·3	54·3	+0·3	63	7th	46	28th, 29th, 30th	53·7	1·4	·373
†Kirkwall - - -	72	29·841	58·6	51·2	54·9	+0·1	65	11th	46	28th, 29th, 30th	...	...	...
CAITHNESS—													
*Wick - - -	94	29·825	58·3	50·5	54·4	-0·5	67	26th	42	29th	53·8	0·8	·391
SUTHERLAND—													
Dunrobin - - -	16	...	61·0	51·6	56·3	+0·5	67	23rd	45	29th	56·7	2·6	·384
ROSS & CROMARTY—													
†Fortrose - - -	69	...	63·5	52·0	57·8	...	69	24th	43	29th	59·0	2·8	·413
Strathpeffer - - -	210	29·708	64·1	51·6	57·9	+2·9	72	12th	41	30th	56·9	2·5	·389
Glencarron - - -	504	29·405	61·0	50·1	55·6	+0·7	68	1st	43	29th	55·1	2·8	·356
*Stornoway - - -	52	29·886	61·0	51·9	56·5	+1·9	66	9th, 13th	46	29th	55·1	1·4	·394
INVERNESS—													
*Castlebay - - -	48	29·901	60·4	53·7	57·1	+0·2	67	2nd, 16th	48	29th	56·6	2·2	·394
Inverness - - -	114	29·820	63·3	52·7	58·0	+1·3	72	11th	44	31st	57·5	3·1	·383
Fort-Augustus - - -	73	29·867	63·3	51·2	57·3	+0·4	71	12th	40	29th	56·9	2·1	·400
Fort-William - - -	38	29·914	65·7	50·5	58·1	+0·8	71	1st, 13th, 24th	40	29th	56·8	2·1	·400
Kingussie - - -	828	29·062	62·6	48·3	55·5	+1·3	70	9th, 12th, 13th	36	31st	55·3	2·7	·362
NAIRN—§Nairn - - -	82	29·843	63·0	50·9	57·0	+0·3	70	10th, 11th, 24th	43	1st	56·9	2·5	·389
ELGIN OR MORAY—													
Gordon Castle - - -	107	29·815	64·1	51·2	57·7	+1·2	74	11th	44	29th	56·6	2·0	·400
BANFF—†Banff - - -	64	29·868	61·9	52·1	57·0	...	70	23rd	47	8th, 28th	57·3	1·7	·418
ABERDEEN—													
Braemar - - -	1114	28·761	62·0	46·9	54·5	+0·7	70	9th	30	31st	54·6	3·0	·345
†Balmoral - - -	927	28·950	66·1	46·5	56·3	+2·0	76	25th	34	31st	53·6	2·8	·335
†Logie Coldstone - - -	608	...	63·2	49·3	56·3	+0·8	75	24th	39	29th	...	...	...
Loanhead - - -	747	29·137	63·8	49·7	56·8	+1·7	76	27th	41	29th	56·4	1·8	·402
Aberdeen, King's Coll. - - -	88	29·844	61·3	52·3	56·8	+0·3	72	23rd	43	29th	56·3	2·7	·377
KINCARDINE—													
†Crathes - - -	145	29·787	65·2	50·5	57·9	+1·6	75	24th, 25th	38	29th	58·4	3·0	·399
FORFAR—													
†Montrose - - -	200	...	63·6	49·6	56·6	-0·3	74	27th	39	29th, 30th, 31st	...	...	...
Arbroath - - -	70	29·866	64·0	51·8	57·9	+0·8	73	24th, 26th, 27th	38	29th	57·8	2·8	·395
†Lednathie - - -	720	...	63·9	47·4	55·7	+1·0	72	23rd	31	31st	...	...	...
†Carnoustie - - -	39	...	63·7	50·2	57·0	...	72	26th, 27th	38	29th	...	...	...
Dundee, E. Necropolis - - -	164	29·772	66·1	50·4	58·3	+0·8	74	27th	38	29th, 31st	56·6	2·0	·400
†Dundee Harbour - - -	20	...	64·9	53·6	59·3	+0·3	70	25th, 26th, 27th	44	31st	...	...	...
†Dundee, Coll. Gdn. - - -	244	...	65·3	50·2	57·8	...	72	26th	36	31st	58·4	3·5	·385
Balruddery - - -	276	...	66·1	48·6	57·4	+0·4	74	13th	...	...	...	...	...
†Kettins - - -	218	...	64·8	48·6	56·7	...	72	18th	33	29th, 31st	55·9	3·3	·398
PERTH—													
Perth - - -	82	29·861	66·9	49·9	58·4	+0·8	73	11th	35	31st	57·1	2·1	·4·4
Crieff - - -	436	29·488	65·7	49·8	57·8	+0·3	73	18th	37	31st	56·7	2·9	·376
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—													
†St Andrews - - -	20	...	63·8	50·2	57·0	...	71	11th	37	29th, 31st	...	...	...
†Cupar - - -	210	...	63·8	50·0	56·9	+0·1	72	18th	36	29th	...	...	...
Lathallan - - -	522	29·388	62·5	49·0	55·8	...	67	11, 18, 22, 27	37	31st	55·2	2·0	·379
†Kirkcaldy - - -	100	...	...	...	...	...	76	...	38	...	...	...	...
STIRLING—Buchlyvie - - -	125	29·823	66·5	49·9	58·2	+1·2	74	18th	33	31st	57·8	2·5	·404
DUMBARTON—													
†Helensburgh - - -	22	...	65·0	50·8	57·9	+0·8	70	13th	35	29th	...	...	...
†Kilmahew - - -	130	...	64·8	50·5	57·7	...	70	9th	39	29th	...	...	...
†Dumbarton - - -	27	29·922	66·2	52·4	59·3	+1·5	72	12th	38	31st	60·2	2·1	·453
ARGYLL—													
Ardtornish - - -	40	29·917	65·5	50·6	58·1	...	72	2nd, 3rd, 9th	38	29th	57·2	2·6	·392
†Lochbuie - - -	20	...	64·5	51·1	57·8	+1·1	70	2nd	39	31st	...	...	...
§Oban - - -	23	29·932	63·5	49·6	56·6	-0·4	70	2nd	37	30th	57·8	3·3	·383
†Poltalloch - - -	135	...	62·9	51·2	57·1	-0·4	71	2nd	35	29th	...	...	...
Ardnamadam - - -	64	...	65·0	51·8	58·4	...	70	3rd, 12th	39	31st	...	...	...
BUTE—Rothesay - - -	187	29·753	62·6	51·8	57·2	+0·5	67	2nd, 9th, 15th	41	29th	56·8	2·1	·400
RENFREW—													
†Greenock - - -	233	29·697	64·2	52·5	58·4	+1·3	70	12th	40	29th	58·1	2·4	·412
Paisley - - -	107	29·848	65·9	52·1	59·0	+1·0	73	18th	39	29th	58·2	2·6	·407

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
				Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																			
8.8	20	2.32	...	0.40	13th	0	0	0	0	22	9	0	8	7	2	7	6	4	8	13	7		
9.1	16	1.71	-1.22	0.36	21st	0	0	1	0	23	9	0	7	1	8	7	1	5	11	13	9		
8.0	18	1.13	-1.89	0.21	29th	0	0	1	0	11	4	0	2	2	6	4	8	0	14	20	6		
9.1	20	0.87	-1.87	0.16	6th	0	0	0	0	23	8	0	4	10	5	6	1	3	12	15	6		
8.4	13	1.02	-1.65	0.25	6th	0	0	0	0	19	0	0	0	2	10	9	0	0	2	12	27		
7.7	16	2.26	...	1.10	11th	0	0	2	1	14	0	0	0	10	12	2	8	0	30	0	0		
7.8	15	1.99	-0.64	0.64	12th	0	0	3	1	17	1	0	1	2	9	1	2	12	14	1	20		
8.4	24	6.47	-0.84	1.39	5th	0	0	4	0	19	2	0	11	1	17	0	0	0	32	0	1		
8.0	17	2.16	-1.72	0.60	29th	0	0	1	0	14	1	0	9	16	3	3	7	9	8	4	3		
8.1	16	2.60	...	1.00	31st	0	0	0	0	15	1	0	9	3	5	8	3	6	15	10	3		
7.5	14	2.21	-0.45	0.47	12th, 14th	0	0	3	0	11	3	0	3	11	17	2	2	7	11	9	0		
8.0	21	3.00	-0.56	0.74	5th	0	0	3	0	19	0	0	3	27	4	0	0	19	7	2	0		
8.1	22	3.18	-2.84	0.47	15th	0	0	1	0	17	3	0	1	8	3	1	1	18	4	1	25		
8.1	20	4.10	+1.27	1.01	14th	0	0	1	0	18	0	0	2	5	7	0	3	11	15	5	14		
7.7	19	1.30	-1.35	0.16	7th, 9th	0	0	6	0	8	0	0	3	7	15	1	0	2	12	7	15		
8.3	21	3.16	-0.21	0.87	5th	0	0	6	0	17	0	0	3	10	1	9	4	16	3	16	0		
7.8	18	1.75	...	0.62	11th	0	0	3	1	14	0	0	12	9	1	4	12	4	5	7	8		
6.0	16	3.04	-0.74	0.65	13th	0	0	5	1	8	0	0	6	0	12	4	12	16	4	8	0		
5.3	19	3.17	...	0.62	15th	0	0	5	2	7	0	0	6	4	2	2	2	16	24	6	0		
...	21	3.39	...	0.78	12th	0	1	3	...	...	0	0	...	...	...	...	...	...	...	...	...		
7.7	20	2.80	-0.42	0.84	12th	0	1	3	1	18	0	0	1	4	11	6	0	0	7	15	18		
7.7	16	1.57	-1.51	0.56	2nd	0	0	3	0	12	3	0	6	3	5	7	5	4	5	13	14		
8.0	15	1.21	...	0.36	15th	0	1	2	2	19	3	0	8	6	6	0	16	8	2	14	2		
...	18	2.42	-0.72	0.37	1st	0	0	3	...	...	6	0	14	0	2	2	38	0	4	2	0		
6.7	17	2.08	-0.80	0.41	15th	0	0	4	0	6	5	0	3	16	10	5	2	4	13	9	0		
...	12	2.98	-0.89	0.63	15th	0	0	3	...	...	1	0	0	8	0	12	0	12	12	18	0		
...	20	2.43	...	0.56	15th	0	0	2	...	...	0	0	5	3	18	6	8	1	17	4	0		
8.0	17	3.67	+0.43	0.58	28th	0	0	2	1	18	0	0	4	10	0	15	0	21	3	9	0		
...	14	3.97	...	1.01	2nd	0	0	2	...	...	0	0	0	16	14	2	0	12	14	4	0		
7.7	16	3.66	...	0.61	28th	0	0	4	2	15	3	0	0	6	8	10	0	10	23	2	0		
...	15	3.49	...	0.63	28th	0	0	3	...	...	0	0	...	...	...	...	...	...	...	...	...		
6.1	20	4.39	...	0.84	15th	0	0	6	5	11	0	0	8	4	0	2	0	0	20	10	18		
7.4	18	4.80	+1.49	0.84	31st	0	0	7	0	13	8	0	2	6	11	8	3	21	3	4	4		
7.7	16	4.29	+0.30	0.89	11th	0	0	5	0	15	0	0	2	1	24	0	1	3	26	5	0		
...	17	4.13	-1.76	0.55	10th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
...	13	3.46	...	0.95	15th	0	0	1	...	...	1	0	0	26	2	0	0	22	8	4	0		
...	16	4.26	+1.05	0.83	2nd	0	1	3	...	...	1	0	0	2	18	2	2	2	26	10	0		
6.6	13	3.22	...	0.73	31st	0	0	5	1	11	4	0	5	12	6	4	1	22	4	5	3		
...	15	5.40	...	1.13	1st	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
6.4	21	3.62	-1.08	0.47	15th	0	0	6	1	8	3	0	1	2	12	1	0	8	14	11	13		
8.1	16	2.64	-1.31	0.66	14th	0	1	5	1	18	0	0	0	2	4	0	0	2	16	4	34		
...	14	2.25	...	0.54	15th	0	2	3	...	...	0	0	0	0	22	12	0	0	14	2	12		
...	10	2.29	-1.74	0.79	15th	0	0	3	...	...	0	0	16	14	8	2	0	0	0	4	18		
7.5	22	3.25	...	0.56	21st	0	0	0	1	12	0	0	9	1	5	13	10	6	10	5	3		
...	20	3.25	...	0.56	31st	0	0	0	...	...	0	0	6	12	2	6	8	20	4	4	0		
6.2	21	1.54	...	0.21	15th	0	0	1	3	10	0	0	8	0	1	5	3	9	14	4	18		
...	20	2.47	-2.28	0.31	31st	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
8.2	17	4.65	...	1.85	13th	0	0	3	2	20	0	0	7	5	2	13	9	4	12	9	1		
8.3	21	3.07	-1.68	0.52	9th	0	0	4	1	21	2	0	1	13	2	1	3	7	15	20	0		
7.1	13	2.19	-3.27	0.35	14th	0	1	3	0	10	0	0	0	8	6	10	0	6	18	14	0		
7.5	15	1.99	-1.50	0.37	15th	0	0	6	2	14	0	0	4	1	6	3	2	6	11	12	17		

STATIONS.	Height of Station above Sea-level.	BARO-METER.  Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	AIR TEMPERATURE								HYGROMETER		
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.		
			A. Maximum.	B. Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.
AYR—†Kilmarnock	feet.	inch.	°	°	°	°	°				°	°	inch.
Agricultural College	90	...	64.4	49.9	57.2	-0.5	70	10th, 12th	33	29th	59.6	3.1	.415
†Turnberry - - -	97	29.871	63.3	52.9	58.1	+0.8	68	11th	39	29th	58.3	2.7	.406
†Benwhat - - -	1177	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell - - -	150	29.824	65.5	51.1	58.3	+0.9	70	11th, 12th, 25th	38	29th	58.8	1.9	.437
LANARK—													
Glasgow, Belvidere -	54	...	65.4	52.2	58.8	+0.7	71	10th, 11th, 12th	39	31st	...	...	...
Glasgow Observatory -	184	29.754	64.0	52.8	58.4	+1.3	69	10th	40	31st	57.2	2.8	.386
*Glasgow, Springburn Park - - -	355	29.581	63.8	50.6	57.2	...	69	15th, 18th	39	29th, 31st	54.2	1.3	.383
†Thorntonhall - - -	440	...	63.4	49.2	56.3	...	69	10th, 18th	37	31st	57.3	1.9	.413
†Hamilton - - -	140	...	64.5	49.3	56.9	...	71	10th	35	29th, 31st	...	...	...
†Dungavel - - -	800	...	61.1	48.1	54.6	...	68	10th	33	29th	...	...	...
†Leadhills - - -	1310	...	60.8	47.0	53.9	+1.2	70	2nd	35	31st	54.5	2.2	.362
LINLITHGOW—													
Bangour - - -	584	29.328	62.5	48.5	55.5	...	68	10th, 12th, 18th	36	31st	54.8	1.5	.387
EDINBURGH—													
Edinburgh, Blackford	441	29.484	62.9	51.4	57.2	+1.3	70	11th	40	29th	56.2	2.5	.380
†Edinburgh, Liberton -	190	...	64.8	50.6	57.7	...	71	18th	36	31st	59.0	3.4	.396
†Edinburgh, Univ. -	227	...	64.6	53.1	58.9	...	71	11th, 18th	42	29th	58.7	3.5	.390
†Leith - - -	76	29.869	63.1	52.5	57.8	+0.1	71	18th	41	31st	59.1	3.2	.403
Dalkeith - - -	190	...	64.7	51.1	57.9	+0.9	71	11th, 18th	38	29th, 31st	...	...	...
HADDINGTON—													
†Smeaton - - -	100	...	...	50.6	...	...	...	...	39	29th, 31st	...	...	...
BERWICK—													
Marchmont - - -	500	29.423	64.4	49.7	57.1	+0.9	71	11th, 12th	39	31st	56.9	2.9	.378
Duns - - -	500	...	64.5	49.4	57.0	+1.0	71	11th	40	29th	...	...	...
PEEBLES—													
†West Linton - - -	770	...	61.9	47.7	54.8	...	68	11th, 18th	30	31st	56.3	2.3	.387
†Glen - - -	754	...	64.4	49.2	56.8	+0.8	72	12th	34	31st	58.4	3.8	.378
ROXBURGH—													
†Kelso (Broomlands) -	195	...	65.8	49.7	57.8	+0.7	72	2nd, 11th	37	31st	59.1	1.6	.451
Wolfelee - - -	537	...	63.8	48.1	56.0	-0.1	70	9th	33	31st	56.5	2.4	.387
DUMFRIES—													
Eskdalemuir - - -	778	29.130	62.2	47.7	55.0	...	68	18th	32	31st	55.0	2.4	.365
†Drumlanrig - - -	191	...	64.9	51.0	58.0	+1.2	71	2nd	34	31st	...	...	...
Dumfries - - -	155	29.808	64.1	51.6	57.9	-0.3	69	2nd, 18th	38	31st	57.4	2.9	.387
Comlongon - - -	74	29.894	65.9	51.0	58.5	...	71	2nd, 18th	37	31st	58.2	2.1	.421
KIRKCUDBRIGHT—													
Cargen - - -	85	29.881	66.1	50.9	58.5	+0.8	72	18th	36	31st	...	...	...
Cally - - -	120	...	65.7	50.0	57.9	+1.1	70	18th	37	31st	57.8	2.8	.395

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

AUGUST 1915.				AUGUST 1915.			
Total Observed.	Difference from Average.	Percentage of Possible.		Total Observed.	Difference from Average.	Percentage of Possible.	
Hours.	Hours.	%		Hours.	Hours.	%	
Baltasound - - -	...	...	...	St Andrews - - -	122	...	27
Deerness - - -	45	- 74	10	Oban - - -	112	...	24
Strathpeffer - - -	121	- 1	26	Helensburgh - - -	114	...	25
Stornoway - - -	111	- 23	24	Cardross (Kilmahew)	109	...	24
Castlebay (Barra) -	109	...	24	Rothestay - - -	107	...	23
Fortrose - - -	124	...	27	Paisley - - -	116	- 28	25
Inverness - - -	81	...	17	Glasgow Observatory	99	- 33	22
Fort-Augustus - - -	98	+ 8	21	Do., Springburn Park	101	...	22
Nairn - - -	106	...	23	Thorntonhall - - -	92	...	20
Gordon Castle - - -	103	...	22	Kilmarnock - - -	110	...	24
Banff - - -	110	...	24	Turnberry - - -	115	...	25
Carrbridge - - -	103	...	22	Edinburgh - - -	109	- 46	24
Aberdeen (King's Col.)	135	- 18	29	West Linton - - -	90	...	20
Crathes - - -	114	...	25	Marchmont - - -	126	- 22	28
Carnoustie - - -	149	...	32	Duns - - -	...	...	...
Dundee (Coll. Gdn.)	140	...	30	Eskdalemuir - - -	125	...	27
Balruddery - - -	133	...	29	Dumfries - - -	123	...	27
Perth - - -	139	...	30	Comlongon - - -	121	...	27



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.										
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with							Number of Observations at 9 a.m. and 9 p.m.									
					Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
8.6	19	inch.	2.87	inch.	inch.	11th	0	0	3	0	21	1	0	2	4	6	0	4	22	12	10	2	
8.5	13	3.25	...	-0.62	2.30	12th	0	1	3	0	22	0	0	8	10	4	2	2	10	20	6	0	
...	19	6.82	...	...	1.99	2nd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.7	17	1.45	...	-2.67	0.30	5th	0	0	1	1	17	4	0	4	12	2	2	0	8	28	6	0	
...	17	1.80	...	-1.68	0.43	15th	0	0	4	...	...	0	0	0	5	4	0	0	11	19	3	20	
8.1	15	2.00	...	-2.01	0.38	15th	0	0	6	0	18	0	0	2	6	8	2	2	12	23	5	2	
7.4	17	2.40	...	...	0.40	15th	0	0	7	0	16	0	0	0	8	10	2	1	7	25	5	4	
7.6	17	3.03	...	...	1.19	2nd	0	0	2	1	17	0	0	0	10	0	2	2	30	10	8	0	
7.8	16	2.79	...	...	0.46	14th	0	0	1	0	15	0	0	0	8	4	10	2	16	2	20	0	
...	22	3.38	...	...	0.59	14th	0	0	3	...	...	0	0	10	4	12	0	4	6	20	6	0	
...	18	5.86	...	...	1.63	14th	0	0	4	...	...	0	0	14	0	4	2	22	2	6	2	10	
7.2	14	3.13	...	...	0.53	11th	0	0	5	1	11	5	0	0	12	8	1	0	9	19	13	0	
7.2	14	5.67	...	+2.95	1.24	4th	0	0	4	0	13	5	0	0	10	1	0	5	8	20	4	14	
8.1	14	5.45	...	...	1.75	31st	0	0	5	1	23	4	0	2	0	14	4	2	8	26	6	0	
...	16	7.5	...	+4.05	1.14	31st	0	1	5	...	...	1	0	...	...	...	...	...	...	...	...	...	
7.7	15	6.18	...	+3.18	1.30	4th	0	0	4	4	20	0	0	0	8	12	0	2	10	26	4	0	
6.9	13	3.69	...	...	0.74	31st	0	0	2	4	14	0	0	3	11	2	4	2	18	15	7	0	
8.7	15	4.99	...	+2.04	1.35	15th	0	0	5	1	21	1	0	6	2	2	12	0	8	24	8	0	
7.5	17	3.35	...	-0.36	0.58	28th	0	0	8	1	15	0	0	2	2	11	1	3	1	38	4	0	
...	13	2.87	...	-0.24	0.57	28th	0	0	6	...	...	0	0	1	23	3	15	4	12	3	1	0	
8.1	17	2.83	...	...	0.40	28th, 31st	0	1	6	2	19	5	0	12	8	6	8	2	2	20	4	0	
...	18	3.55	...	...	0.81	4th	0	0	3	...	...	0	0	6	3	2	1	10	8	22	10	0	
6.5	18	3.38	...	+0.50	0.64	4th	0	0	2	0	5	0	0	0	8	12	2	2	22	16	0	0	
7.0	18	2.59	...	-0.82	0.41	28th	0	0	5	0	5	0	0	1	16	1	1	3	16	6	18	0	
7.5	19	2.74	...	...	0.56	15th	0	1	5	1	16	0	0	3	9	2	1	10	9	11	5	12	
...	14	3.65	...	-0.27	0.76	14th	0	0	4	...	...	0	0	0	4	4	2	8	2	20	20	2	
6.2	16	2.15	...	-1.84	0.69	15th	0	0	4	1	9	0	0	3	8	0	2	1	12	10	26	0	
...	14	1.75	...	...	0.47	15th	0	0	3	...	...	0	0	3	5	6	3	3	17	2	8	15	
...	19	2.70	...	-1.35	0.80	15th	0	1	6	...	...	0	0	3	5	6	4	13	6	11	14	0	
5.9	13	2.90	...	-1.82	0.79	2nd	0	0	4	1	9	0	0	7	3	0	9	6	19	0	18	0	

EARTH TEMPERATURES.

AUGUST 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - - -	...	...	...
Dunrobin - - - -	59.6	...	...
Inverness - - - -	59.4	...	...
Aberdeen - - - -	...	54.1	...
Crathes - - - -	59.1	55.9	...
Dundee (Coll. Garden) - -	59.0	...	...
St Andrews - - - -	58.8	55.5	...
Rothsay - - - -	60.1	56.8	...
Paisley - - - -	59.8	55.5	...
Edinburgh, University - -	58.8	56.6	51.6
Do. Liberton - - - -	57.7	...	...
Smeaton - - - -	59.6	...	...
Dumfries - - - -	60.5	58.7	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETERS.			
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	A. Maximum.	B. Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
SHETLAND—	feet.	inch	°	°	°	°	°		°		°	°	inch.	%
†Baltasound - - -	31	...	...	...	...	...	...	8th	40	30th	50.1	1.5	.323	89
*Lerwick - - -	59	29.899	53.5	47.5	50.5	-0.1	60							
ORKNEY—														
Deerness - - -	163	29.774	55.2	48.5	51.9	+0.4	62	7th, 8th	41	28th, 29th	51.2	1.8	.330	88
†Kirkwall - - -	72	29.872	57.0	48.7	52.9	+0.5	69	10th	41	18th, 28th	...	...	...	...
CAITHNESS—														
*Wick - - -	94	29.845	55.8	47.7	51.8	-0.1	66	7th	37	3rd	51.2	0.8	.355	95
SUTHERLAND—														
Dunrobin - - -	16	...	58.6	46.9	52.8	+0.2	69	15th	37	3rd	53.1	2.0	.349	86
ROSS & CROMARTY—														
†Fortrose - - -	69	...	61.3	48.0	54.7	...	74	10th	37	29th	54.2	2.4	.353	84
Strathpeffer - - -	210	29.719	60.3	45.4	52.9	+1.1	75	9th	38	29th	51.8	2.7	.316	82
Glencarron - - -	504	29.405	58.5	45.8	52.2	+0.7	75	10th	34	28th	51.4	2.8	.309	82
*Stornoway - - -	52	29.892	58.1	47.6	52.9	+1.4	69	9th	38	30th	51.3	1.3	.344	91
INVERNESS—														
*Castlebay - - -	48	29.887	57.4	51.0	54.2	+1.8	63	8th, 10th	39	29th	53.9	1.4	.376	91
Inverness - - -	114	29.832	60.6	48.2	54.4	+1.3	75	9th	39	28th	53.4	2.8	.332	82
Fort-Augustus - - -	73	29.879	61.0	46.3	53.7	+0.4	76	10th	33	28th	52.5	2.2	.336	85
Fort-William - - -	38	29.917	61.5	46.7	54.1	+0.4	75	9th	30	28th	53.2	2.5	.338	83
Kingussie - - -	828	29.064	59.1	44.5	51.8	+1.8	72	8th, 9th, 10th	36	3rd, 29th	51.3	3.1	.301	79
NAIRN—§Nairn - - -	82	29.855	60.6	45.2	52.9	0.0	77	10th	38	3rd	52.5	2.5	.328	83
ELGIN or MORAY—														
Gordon Castle - - -	107	29.838	61.2	47.5	54.4	+1.1	77	8th	37	12th	54.1	2.6	.346	82
BANFF—†Banff - - -	64	29.880	59.2	48.5	53.9	...	74	8th	42	3rd, 30th	54.3	2.6	.349	82
ABERDEEN—														
Braemar - - -	1114	28.781	57.7	41.4	49.6	-0.2	70	7th, 8th, 9th, 10th	27	11th	49.4	2.5	.292	83
†Balmoral - - -	927	28.971	61.5	41.3	51.4	+1.1	71	10th, 11th, 15th	29	11th	49.8	2.6	.293	82
†Logie Coldstone - - -	608	...	...	...	...	...	...	...	...	...	...	...	...	...
Loanhead - - -	747	29.151	60.2	44.5	52.4	+1.0	78	8th	36	29th	52.3	2.2	.334	85
Aberdeen, King's Coll. - - -	88	29.863	58.1	48.7	53.4	+0.4	72	7th	39	28th	53.3	2.7	.333	82
KINCARDINE—														
†Crathes - - -	145	29.808	60.8	46.8	53.8	+1.4	77	7th	36	29th	53.8	2.7	.340	82
FORFAR—														
†Montrose - - -	200	...	59.6	46.9	53.3	+0.5	71	7th, 9th	38	29th	...	...	...	...
Arbroath - - -	70	29.899	60.5	48.9	54.7	+1.2	72	16th	39	28th	54.1	2.7	.343	81
†Lednathie - - -	720	...	58.8	44.0	51.4	+0.6	71	8th, 9th	34	14th	...	...	...	...
†Carnoustie - - -	39	...	60.0	47.6	53.8	...	71	16th	34	29th	...	...	...	...
Dundee, E. Necropolis - - -	164	29.789	61.5	47.2	54.4	+0.9	73	8th	34	29th	52.2	1.6	.348	89
†Dundee Harbour - - -	20	...	59.1	50.2	54.7	-0.1	68	8th	39	29th	...	...	...	...
†Dundee, Coll. Gdn. - - -	244	...	59.9	45.9	52.9	...	71	8th	34	28th, 29th	53.8	2.8	.337	81
Balruddery - - -	276	...	62.3	45.6	54.0	-0.1	71	9th	36	28th	...	...	...	...
†Kettins - - -	218	...	60.0	45.3	52.7	...	72	8th	33	29th	53.5	2.8	.334	81
PERTH—														
Perth - - -	82	29.888	61.6	45.2	53.4	+0.1	74	8th	36	29th	52.5	1.9	.344	87
Crieff - - -	436	29.509	61.1	45.1	53.1	-0.3	71	8th	34	29th	52.3	2.7	.322	82
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—														
†St. Andrews - - -	20	...	60.3	45.9	53.1	...	71	8th	34	29th	...	...	...	...
†St. Par - - -	210	...	57.5	45.3	51.4	-1.5	71	8th	35	30th	...	...	...	...
Lathallan - - -	522	29.402	58.1	45.5	51.8	...	68	8th	35	28th, 29th	51.2	2.0	.325	86
†Kirkcaldy - - -	100	29.861	62.5	47.5	55.0	...	73	10th	37	29th	55.3	3.2	.349	80
STIRLING—Buchlyvie - - -	125	29.838	62.2	44.4	53.3	-0.2	72	9th	30	28th	52.4	2.1	.338	86
DUMBARTON—														
†Helensburgh - - -	22	...	62.0	46.5	54.3	+0.8	72	8th, 9th, 10th	30	28th	...	...	...	...
†Kilmahew - - -	130	...	61.9	45.3	53.6	...	74	10th	29	29th	...	...	...	...
†Dumbarton - - -	27	29.943	62.9	47.3	55.1	+0.8	75	9th, 10th	32	28th	55.3	3.2	.349	80
ARGYLL—														
Ardtornish - - -	40	29.912	61.2	47.1	54.2	...	72	9th, 10th	31	28th	54.0	2.5	.347	83
†Lochbuie - - -	20	...	61.0	47.1	54.1	+0.2	71	10th	36	29th	...	...	...	...
§Oban - - -	23	29.929	61.3	46.7	54.0	+0.3	74	10th	31	28th	55.2	4.1	.325	75
†Poltalloch - - -	135	...	59.7	47.4	53.6	-0.5	70	10th	29	28th	...	...	...	...
Ardnamadam - - -	64	...	...	...	...	...	...	...	...	...	...	...	...	...
BUTE—Rothesay - - -	187	29.779	60.4	47.3	53.9	+0.2	70	10th	37	28th, 29th	53.6	2.5	.342	83
RENFREW—														
†Greenock - - -	233	29.714	61.6	48.0	54.8	+1.4	74	10th	34	29th	53.8	2.4	.348	84
Paisley - - -	107	29.859	63.1	47.4	55.3	+0.9	75	9th, 10th	34	29th	54.2	2.9	.340	81

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
						Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
Amount.				Day of Month.																			
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																			
7.7	18	1.34	...	0.28	25th	0	0	0	0	10	7	4	13	9	1	5	17	2	5	5	3		
6.9	16	2.58	-0.68	0.58	25th	0	0	0	1	10	6	1	11	5	3	14	9	3	2	7	6		
7.3	20	2.78	-0.54	1.20	25th	0	1	0	1	13	1	1	6	12	2	4	12	10	12	0	2		
7.2	18	3.39	+0.80	0.98	25th	0	2	0	1	12	2	0	7	8	4	13	10	4	4	7	3		
5.8	11	2.15	-0.48	0.53	25th	0	0	0	3	8	0	1	2	2	4	27	0	0	8	3	14		
...	15	6.41	...	4.07	25th	0	2	0	...	...	0	0	0	6	20	0	4	2	14	4	10		
5.6	12	2.65	+0.10	1.13	25th	0	0	0	5	10	0	1	0	6	10	1	0	5	10	5	23		
6.6	20	4.62	-3.82	1.86	25th	0	3	0	5	15	0	0	11	1	34	0	0	0	14	0	0		
6.2	22	3.14	-0.94	0.75	25th	0	0	0	5	11	0	0	9	9	4	7	11	7	4	5	4		
6.5	20	2.29	...	0.47	12th	0	0	0	3	13	4	0	11	3	14	14	5	6	2	3	2		
6.5	13	5.06	+2.43	3.64	25th	0	1	0	2	7	7	0	9	8	16	1	1	10	11	4	0		
7.1	17	2.72	-1.16	1.53	25th	0	0	0	3	17	0	0	6	12	4	4	7	16	7	4	0		
6.9	17	2.30	-5.03	1.22	25th	0	0	0	4	13	3	0	0	5	6	4	2	14	4	0	25		
6.8	14	2.91	+0.04	1.36	25th	0	0	0	6	14	0	0	12	6	2	2	4	10	18	4	2		
6.9	15	6.75	+4.38	3.78	25th	0	2	0	0	7	0	2	9	6	8	0	3	0	9	4	21		
6.1	16	5.75	+2.81	2.65	25th	0	0	0	4	8	0	0	3	11	0	8	12	19	2	5	0		
6.4	15	3.15	...	0.96	25th	0	2	0	1	9	0	3	7	8	2	7	18	2	6	2	8		
5.2	12	3.56	+0.48	0.88	25th	0	0	0	3	4	0	0	6	4	4	2	12	16	10	6	0		
5.4	14	3.42	...	0.83	29th	0	0	0	3	8	0	2	2	0	10	4	0	18	14	12	0		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
5.7	14	4.46	+1.84	1.14	29th	0	0	0	6	9	0	0	1	2	8	8	1	0	11	16	13		
6.0	13	2.80	+0.09	0.79	25th	0	1	0	3	8	0	0	6	3	3	10	13	4	5	9	7		
6.4	14	2.53	...	0.53	25th	0	0	0	6	15	1	0	8	0	0	18	16	4	4	8	2		
...	13	1.36	-1.37	0.38	17th	0	1	0	...	...	6	1	18	2	6	2	26	2	2	2	0		
6.0	11	0.96	-1.42	0.29	17th	0	0	0	2	8	3	1	6	5	5	19	3	6	6	9	1		
...	10	1.75	-1.87	0.38	17th	0	0	0	...	...	4	1	6	12	2	12	0	14	8	6	0		
...	14	1.31	...	0.30	24th	0	0	0	...	...	0	0	12	3	12	8	8	1	15	1	0		
7.9	10	1.19	-1.38	0.31	25th	0	0	0	1	16	1	0	1	9	1	20	1	12	2	14	0		
...	9	1.37	...	0.56	25th	0	0	0	...	...	0	0	2	4	14	10	0	12	10	8	0		
6.6	9	1.10	...	0.29	25th	0	0	0	3	15	7	0	6	4	6	14	0	2	18	6	4		
...	9	1.63	...	0.70	25th	0	0	0	...	...	0	0	...	...	...	...	...	...	...	...	...		
6.4	11	2.00	...	0.78	25th	0	0	0	5	15	2	0	8	6	0	0	0	2	12	12	20		
5.7	10	1.86	-0.97	0.69	24th	0	0	0	5	10	1	0	3	1	5	10	1	18	1	11	10		
6.5	10	1.83	-1.45	0.53	24th	0	0	0	2	10	0	0	7	3	19	0	0	0	28	3	0		
...	...	3.15	-3.22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
...	11	2.28	...	0.61	24th	0	0	0	...	...	2	0	0	14	6	18	0	14	6	2	0		
...	16	2.08	-0.76	0.60	24th	0	0	0	...	...	2	0	10	0	16	6	2	2	14	10	0		
5.5	12	2.04	...	0.71	24th	0	1	0	4	8	2	0	6	7	10	5	0	19	3	8	2		
5.6	10	1.87	...	0.90	24th	0	0	0	8	10	1	0	...	...	...	...	...	...	...	...	...		
5.0	17	2.13	-2.15	0.80	24th	0	0	0	7	5	4	0	1	5	18	1	1	6	6	5	17		
6.5	13	1.88	-2.25	0.50	24th	0	0	0	2	12	0	0	2	8	6	0	0	2	14	4	24		
...	13	1.97	...	0.51	24th	0	0	0	...	...	0	0	4	4	18	8	0	0	2	0	24		
...	10	1.22	-2.86	0.40	24th	0	0	0	...	...	2	0	14	10	2	0	4	8	4	2	16		
6.5	15	2.54	...	1.56	16th	0	0	0	2	11	0	0	3	11	15	8	11	2	6	2	2		
...	15	3.02	...	0.96	6th	0	0	0	...	...	0	0	22	6	8	12	4	4	0	4	0		
5.2	13	1.25	...	0.42	25th	0	0	0	7	7	0	0	6	5	13	10	2	5	4	6	9		
...	12	2.30	-2.89	0.70	13th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
...	12	1.88	...	0.31	24th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
6.9	14	1.62	-2.90	0.35	13th	0	0	0	0	13	4	0	6	12	2	11	3	7	7	12	0		
6.6	13	1.61	-4.17	0.29	13th	0	0	0	0	8	3	0	0	10	7	9	1	7	14	12	0		
5.6	14	1.22	-2.48	0.50	24th	0	0	0	7	10	0	0	9	2	9	4	5	5	9	3	14		

STATIONS.	Height of Station, above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.			
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
AYR—†Kilmarnock	feet.	inch.											inch.	%
Agricultural College	90	...	62.9	45.7	54.3	+0.6	73	9th, 10th	24	29th	56.6	3.6	.357	77
†Turnberry	97	29.878	62.0	49.3	55.7	+1.1	72	10th	33	28th	55.8	3.4	.352	78
†Benwhat	1177	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell	150	29.810	63.8	46.9	55.4	+1.5	71	8th, 9th, 10th	28	28th	55.5	2.5	.370	84
LANARK—														
Glasgow, Belvidere	54	...	63.4	47.7	55.6	+1.3	75	8th, 9th, 10th	36	29th	...	...	...	...
Glasgow Observatory	184	29.767	60.9	48.6	54.8	+1.6	71	9th, 10th	36	28th, 29th	53.1	2.5	.336	83
*Glasgow, Springburn Park	355	29.587	60.9	45.6	53.3	...	73	9th	34	28th	49.8	1.3	.325	91
†Thorntonhall	440	...	60.8	43.9	52.4	...	72	9th, 10th	29	28th	53.0	1.7	.355	88
†Hamilton	140	...	62.4	45.3	53.9	...	73	9th, 10th	28	29th	...	...	...	...
†Dungavel	800	...	60.1	44.6	52.4	...	71	10th	30	28th	...	...	...	...
†Leadhills	1310	...	58.1	43.2	50.7	+1.5	69	8th, 10th	27	29th	50.5	2.7	.299	82
LINLITHGOW—														
Bangour	584	29.339	59.6	43.5	51.6	...	73	9th	30	28th, 29th	50.6	1.4	.332	90
EDINBURGH—														
Edinburgh, Blackford	441	29.492	60.1	47.6	53.9	+1.1	74	9th	35	29th	52.8	2.9	.324	80
†Edinburgh, Liberton	190	...	61.4	46.8	54.1	...	76	9th	35	29th	54.1	3.1	.333	79
†Edinburgh, Univ.	227	...	61.8	48.8	55.3	...	75	9th	37	28th	53.9	3.5	.321	77
†Leith	76	29.897	60.2	47.8	54.0	-0.3	74	10th	37	29th	54.0	2.7	.342	82
Dalkeith	190	...	61.5	46.0	53.8	+0.4	75	9th	31	28th	...	...	...	...
HADDINGTON—														
†Smeaton	100	...	...	...	...	...	...	...	...	...	...	...	...	...
BERWICK—														
Marchmont	500	29.439	61.2	45.2	53.2	+1.0	74	9th	32	28th	52.2	2.5	.326	83
Duns	500	...	62.3	44.7	53.5	+1.2	73	9th	36	28th	...	...	...	...
PEEBLES—														
†West Linton	770	...	58.8	41.4	50.1	...	71	8th	27	4th, 28th, 29th	51.9	2.3	.326	85
†Glen	754	...	61.2	43.0	52.1	+0.4	75	8th	29	28th	53.0	3.5	.311	77
ROXBURGH—														
†Kelso (Broomlands)	195	...	62.2	44.7	53.5	+0.2	76	8th	31	28th	53.2	1.1	.374	93
Wolfelee	537	...	60.3	42.1	51.2	-1.4	73	8th, 9th	26	29th	52.0	2.3	.328	84
DUMFRIES—														
Eskdalemuir	778	29.138	59.0	41.9	50.5	...	70	9th	27	28th	50.4	2.2	.310	85
†Drumlanrig	191	...	61.7	45.2	53.5	+0.2	71	8th, 9th, 10th	28	28th	...	...	...	...
Dumfries	155	29.813	62.3	46.4	54.4	-0.2	73	8th	32	28th	53.5	2.7	.336	82
Comlongon	74	29.899	64.1	45.4	54.8	...	76	8th	29	28th	53.8	2.3	.351	85
KIRKCUDBRIGHT—														
Cargen	85	29.890	63.4	46.0	54.7	+0.2	74	8th	29	28th	...	...	...	...
Cally	120	...	63.5	44.1	53.8	-0.1	72	8th	28	28th	53.6	2.7	.338	81

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

SEPTEMBER 1915.				SEPTEMBER 1915.			
Total Observed.		Difference from Average.		Total Observed.		Difference from Average.	
Percentage of Possible.		Percentage of Possible.		Percentage of Possible.		Percentage of Possible.	
Hours.	Hours.	%	%	Hours.	Hours.	%	%
Baltasound	...	...	...	St Andrews	145	...	39
Deerness	116	+ 7	31	Oban	123	...	33
Strathpeffer	120	+ 4	32	Helensburgh	123	...	33
Stornoway	133	+19	35	Cardross (Kilmahew)	135	...	36
Castlebay (Barra)	125	...	33	Rothsay	139	...	37
Fortrose	136	...	36	Paisley	133	+26	35
Inverness	95	...	25	Glasgow Observatory	126	+26	34
Fort-Augustus	101	+19	27	Do., Springburn Park	131	...	35
Nairn	134	...	35	Thorntonhall	136	...	36
Gordon Castle	133	...	35	Kilmarnock	158	...	42
Banff	143	...	38	Turnberry	172	...	46
Carrbridge	107	...	28	Edinburgh	146	+23	39
Aberdeen (King's Col.)	152	+29	40	West Linton	132	...	35
Crathes	127	...	34	Marchmont	150	+33	40
Carnoustie	153	...	41	Duns	...	...	...
Dundee (Coll. Gdn.)	136	...	36	Eskdalemuir	150	...	40
Balruddery	121	...	32	Dumfries	153	...	41
Perth	125	...	33	Comlongon	162	...	43



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.									
						Number of Days with							Number of Observations at 9 a.m. and 9 p.m.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
			inch.	inch.	inch																	
6.6	10	1.12	...	0.61	24th	0	0	1	7	16	5	0		4	6	4	16	6	10	10	0	4
6.7	7	0.86	-2.87	0.30	6th	0	0	1	3	14	0	0		10	10	10	12	10	2	4	2	0
...	7	3.57	...	1.89	24th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4.9	9	1.16	-2.90	0.45	6th	0	0	0	7	6	1	0		6	6	10	14	8	8	6	2	0
...	14	1.17	-2.11	0.56	24th	0	0	0	...	...	0	0		3	11	13	1	1	9	3	0	19
6.7	13	1.33	-2.36	0.64	24th	0	0	0	0	13	0	0		8	4	18	2	4	8	12	3	1
6.0	13	1.58	...	0.39	24th	0	0	1	2	10	1	0		5	8	14	5	1	9	12	5	1
6.1	12	0.91	...	0.48	24th	0	0	0	3	7	0	0		6	14	6	4	2	18	4	2	4
6.2	10	1.28	...	0.80	24th	0	0	0	0	8	0	0		0	8	0	20	4	14	0	14	0
...	9	1.04	...	0.42	24th	0	0	0	...	...	0	0		8	2	16	2	4	12	12	4	0
...	10	1.65	...	0.45	24th	0	0	0	...	...	0	0		6	0	10	4	16	8	2	4	10
6.0	10	2.00	...	0.94	24th	0	0	0	1	6	2	0		4	6	8	4	0	1	22	15	0
5.2	8	2.73	+0.56	1.43	24th	0	1	0	4	7	1	0		2	3	4	9	5	7	14	7	9
6.4	9	2.65	...	1.40	24th	0	0	0	3	13	5	0		0	0	6	10	2	0	14	20	8
...	10	2.69	+0.30	1.40	24th	0	0	0	...	...	2	0		...	...	...	...	...	...	...	...	...
5.5	9	1.68	-0.56	0.73	24th	0	0	0	7	12	0	0		2	8	8	8	0	4	16	12	2
6.3	9	2.13	...	1.28	24th	0	1	0	2	10	0	0		3	2	3	10	21	11	3	7	0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5.9	12	2.50	-0.41	0.81	24th	0	0	1	5	11	0	0		6	6	13	1	1	12	20	1	0
...	10	2.89	+0.04	0.90	24th	0	0	0	...	...	0	0		1	9	3	23	6	10	1	7	0
8.5	15	2.26	...	1.17	24th	0	0	0	6	8	2	0		8	4	2	12	8	6	14	4	2
...	13	2.42	...	1.40	24th	0	0	0	...	...	2	0		4	0	6	8	13	3	12	14	0
6.4	10	1.78	-0.64	0.75	24th	0	0	0	0	5	2	0		2	10	12	2	6	14	14	0	0
6.4	13	2.39	-0.68	1.27	24th	0	0	0	0	6	2	0		2	11	1	3	5	28	3	7	0
5.7	13	1.89	...	0.59	24th	0	0	1	3	10	1	0		12	6	3	6	6	11	2	3	11
...	9	1.54	-2.34	0.41	13th	0	0	0	...	...	5	0		4	8	16	0	4	8	12	8	0
4.5	9	1.01	-2.56	0.40	24th	0	0	1	10	4	0	0		13	3	8	10	1	15	7	3	0
4.3	9	0.95	...	0.39	24th	0	0	1	10	5	0	0		0	11	13	1	1	8	0	9	17
...	9	1.18	-2.57	0.45	24th	0	0	2	...	...	2	0		9	1	12	7	5	17	4	5	0
4.2	6	1.44	-3.20	0.58	6th	0	0	1	6	4	0	0		12	3	0	6	9	13	0	17	0

EARTH TEMPERATURE.

SEPTEMBER 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - - -	...	...	...
Dunrobin - - - -	55.9	...	...
Inverness - - - -	56.2	...	...
Aberdeen - - - -	...	53.6	...
Crathes - - - -	55.5	55.3	...
Dundee (Coll. Garden) - - -	55.3	...	...
St Andrews - - - -	54.8	54.8	...
Rothesay - - - -	55.8	55.6	...
Paisley - - - -	56.7	55.2	...
Edinburgh (University) - -	55.0	55.5	52.9
Do. Liberton - - - -	54.3	...	...
Smeaton - - - -	...	...	...
Dumfries - - - -	55.9	57.1	...

## LIST OF STATIONS AND OBSERVERS.

Station.	Observer.	Station.	Observer.
<b>SHETLAND—</b>		<b>DUMBARTON—</b>	
Baltasound - - -	T. Edmonston Saxby, L.R.C.S. Edin.	Helensburgh - - -	J. N. Stirling, Water Trust.
Lerwick - - -	The Meteorological Office.	Dumbarton - - -	William Denny and Brothers.
<b>ORKNEY—</b>		Kilmahew - - -	Claud A. Allan.
Deerness - - -	M. Spence.	<b>ARGYLL—</b>	
Kirkwall - - -	A. G. Spence.	Ardnadam - - -	Rev. J. Cairns Mitchell, B.D.
<b>CAITHNESS—</b>		Ardtornish - - -	W. D. Besant, for G. Craig Sellar.
Wick - - -	The Meteorological Office.	Lochbuie - - -	E. Lovesey, for the MacLaine of Lochbuie.
<b>SUTHERLAND—</b>		Oban - - -	Edwin Bailey, M.D., M.O.H.
Dunrobin - - -	D. Melville, for the Duke of Sutherland.	Poltalloch - - -	D. S. Melville, for Colonel Malcolm.
<b>ROSS AND CROMARTY—</b>		<b>BUTE—</b>	
Fortrose - - -	Archd. Thom.	Rothsay - - -	J. Davidson, for John Reid, Ardencraig.
Strathpeffer - - -	N. M'Lean, for Dr. H. W. Kaye.	<b>RENFREW—</b>	
Glencarron - - -	D. D. Munro.	Greenock - - -	D. Macalister, C.E., Water Trust.
Stornoway - - -	The Meteorological Office.	Paisley - - -	The Coats Observatory.
<b>INVERNESS—</b>		<b>AYR—</b>	
Castlebay (Barra) - - -	The Meteorological Office.	Kilmarnock (Agri- cultural College)	Prof. Berry.
Inverness - - -	W. G. MacConnachie, M.A.	Turnberry - - -	J. Richards.
Fort Augustus - - -	Rev. Cyril von Dieckhoff, O.S.B.	Benwhat - - -	A. Gillespie, C.E.
Fort William - - -	W. T. Kilgour.	Colmonell - - -	Andrew Ogg, for J. W. M'Connell of Knockdolian.
Kingussie - - -	W. de Watteville, M.D.	<b>LANARK—</b>	
<b>NAIRN—</b>		Glasgow (Belvidere Hospital)	The Medical Superintendent.
Nairn - - -	The Meteorological Office.	Glasgow (The Obser- vatory)	Prof. L. Becker, Ph.D., F.R.S.E.
<b>BANFF—</b>		Glasgow (Springburn Park)	The Meteorological Office.
Banff - - -	A. J. Leigh, B.Sc. for Dr. E. I. Spriggs.	Thorntonhall - - -	A. Henderson Bishop.
<b>ELGIN OR MORAY—</b>		Hamilton - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
Gordon Castle - - -	C. Webster, for the Duke of Richmond and Gordon, K.G.	Dungavel - - -	T. Douglas Wallace, for Duke of Hamilton and Brandon.
<b>ABERDEEN—</b>		Leadhills - - -	J. M'Farlane, J.P.
Braemar - - -	A. M. Shirran.	<b>LINLITHGOW—</b>	
Balmoral - - -	J. Michie, M.V.O., and J.M. Troup.	Bangour Village - - -	D. Hendry, for John Keay, M.D.
Logie Coldstone - - -	J. B. Anderson, The School- house.	<b>EDINBURGH—</b>	
Loanhead - - -	A. Farquharson.	Edinburgh (Blackford)	Prof. R. A. Sampson, F.R.S.
Aberdeen (King's Coll.)	The Meteorological Office.	Edinburgh (Liberton)	J. Harris, for Coll. of Agri- culture.
<b>KINCARDINE—</b>		Edinburgh (University)	Prof. T. Hudson Beare, F.R.S.E.
Crathes - - -	J. Smith, J.P.	Leith - - -	J. Bolam.
<b>FORFAR—</b>		Dalkeith - - -	J. Whytock, for the Duke of Buccleuch, K.G.
Montrose (Royal Asylum)	J. Masson.	<b>HADDINGTON—</b>	
Arbroath - - -	J. Campbell, for the Natural History Association.	Smeaton - - -	Sir A. Buchan-Hepburn, Bart.
Lednathie - - -	W. G. Lindsay, for P. Stor- month Darling.	<b>BERWICK—</b>	
Carnoustie - - -	D. Maxwell, C.E.	Marchmont - - -	J. A. Wood.
Dundee (Eastern Necropolis)	A. Macrae, Curator of Parks.	Duns - - -	P. Smith, for F. S. Hay.
Dundee Harbour - - -	J. H. Thompson, F.R.S.E.	<b>PEEBLES—</b>	
Dundee, College Garden	A. Duncan, for J. Malloch, Director of Studies.	West Linton - - -	Dr. J. Ritchie Jeffrey.
Balruddery - - -	G. Davie, for J. Martin White.	Glen - - -	Alex. Black, for Lord Glen- conner.
Kettins - - -	W. Andrew, The Schoolhouse.	<b>ROXBURGH—</b>	
<b>PERTH—</b>		Kelso (Broomlands) - - -	J. C. Scott.
Perth - - -	Henry Coates, F.R.S.E., The Museum.	Wolfelee - - -	W. Steedman, for Sir Robert Laidlaw.
Crieff - - -	Dr Meikle and G. Reid.	<b>DUMFRIES—</b>	
Stronvar - - -	G. Dickson, for J. Carnegie.	Eskdalemuir - - -	The Meteorological Office.
<b>FIFE—</b>		Drumlanrig - - -	D. Inglis, for the Duke of Buccleuch, K.G.
St Andrews - - -	W. Watson.	Dumfries - - -	C. C. Easterbrook, M.D., and E. Joss.
Cupar - - -	The Medical Superintendent, Fife and Kinross Asylum.	Comlongon - - -	A. H. Johnstone-Douglas.
Lathallan - - -	Dr W. H. Bryce.	<b>KIRKCUDBRIGHT—</b>	
Kirkcaldy - - -	Rev. J. S. Begg.	Cargen - - -	Colonel R. F. Dudgeon.
<b>STIRLING—</b>		Cally - - -	W. Thomson, for Colonel F. Murray Baillie.
Buchlyvie - - -	Rev. J. A. Macdonald.		



QUARTERLY RETURN  
OF THE  
BIRTHS, DEATHS, AND MARRIAGES  
REGISTERED IN THE  
DIVISIONS, COUNTIES, AND PUBLIC HEALTH DISTRICTS  
OF  
SCOTLAND.

---

QUARTER ENDING 31st DECEMBER 1915.

---

Published by Authority of the Registrar-General.

CCXLIV.

EDINBURGH:  
PRINTED UNDER THE AUTHORITY OF HIS MAJESTY'S STATIONERY OFFICE  
BY J. SKINNER & Co., LTD., THISTLE STREET.  
To be purchased from  
H.M. STATIONERY OFFICE (SCOTTISH BRANCH), 23 FORTH STREET, EDINBURGH.

1916.

TABLE IA.—PRINCIPAL STATISTICAL FACTS FOR YEAR 1915.

	Numbers.					Rates per 1000 of Population.*					Illegiti- mate Births per 100 Births.	Deaths under 1 per 1000 Births.				
	Births.	Illegiti- mate Births.	Mar- riages.	Deaths.				Births.	Mar- riages.	Deaths.						
				Total.	Children under 1.	Principal Epidemic Diseases.	All Tuber- culosis.			Phthisis.			Total.	Principal Epidemic Diseases.	All Tuber- culosis.	Phthisis.
SCOTLAND .	114,204	7,885	36,265	81,629	14,444	8,726	7,807	5,284	23·9	7·6	17·1	1·8	1·6	1·1	6·9	126
Larger Burghs .	56,729	3,549	22,896	42,228	8,185	5,691	4,344	2,971	24·3	9·8	18·1	2·4	1·9	1·3	6·3	144
Smaller Burghs .	21,599	1,463	6,664	16,028	2,601	1,265	1,459	971	23·0	7·1	17·1	1·3	1·6	1·0	6·8	120
County Districts .	35,876	2,873	6,705	22,905	3,658	1,763	1,982	1,322	23·7	4·4	15·1	1·2	1·3	0·9	8·0	102
Unallocated† .	...	...	...	468	...	7	22	20	...	...	...	...	...	...	...	...
Larger Burghs:—																
Glasgow .	27,944	1,647	11,051	20,150	4,007	2,912	2,078	1,472	26·0	10·3	18·8	2·7	1·9	1·4	5·9	143
Edinburgh .	5,851	494	3,924	5,419	775	523	533	372	17·9	12·0	16·6	1·6	1·6	1·1	8·4	132
Dundee .	3,900	290	1,694	3,766	820	685	389	275	21·8	9·5	21·1	3·8	2·2	1·5	7·4	210
Aberdeen .	3,784	380	1,878	3,069	653	489	294	215	23·7	11·8	19·2	3·1	1·8	1·3	10·0	173
Paisley .	2,089	106	623	1,451	222	185	156	111	24·6	7·3	17·1	2·2	1·8	1·3	5·1	106
Leith .	2,008	99	618	1,340	255	103	184	113	24·7	7·6	16·5	1·3	2·3	1·4	4·9	127
Greenock .	2,293	107	608	1,567	333	195	161	90	29·5	7·8	20·2	2·5	2·1	1·2	4·7	145
Coatbridge .	1,229	42	223	720	158	62	81	50	27·5	5·0	16·1	1·4	1·8	1·1	3·4	129
Motherwell .	1,221	38	238	566	133	73	57	26	29·3	5·7	13·6	1·7	1·4	0·6	3·1	109
Kirkcaldy .	857	47	282	638	104	57	65	36	21·0	6·9	15·6	1·4	1·6	0·9	5·5	121
Hamilton .	1,187	66	244	646	145	109	56	33	30·6	6·3	16·6	2·8	1·4	0·8	5·6	122
Clydebank .	1,333	34	252	596	165	88	52	29	29·9	5·7	13·4	2·0	1·2	0·7	2·6	124
Perth .	609	58	393	608	94	39	55	35	17·0	11·0	17·0	1·1	1·5	1·0	9·5	154
Kilmarnock .	874	38	335	573	111	52	62	41	23·9	9·1	15·6	1·4	1·7	1·1	4·3	127
Falkirk .	797	45	241	556	111	58	60	28	23·4	7·1	16·3	1·7	1·8	0·8	5·6	139
Ayr .	753	58	292	563	99	61	61	45	22·5	8·7	16·8	1·8	1·8	1·3	7·7	131

\* Calculated on revised populations.

† Military and Naval Deaths from Causes originating outwith Scotland.



# REPORT.

---

## PRELIMINARY STATEMENT REGARDING THE VITAL STATISTICS OF SCOTLAND IN THE YEAR 1915.

This report deals more especially with the statistics of the fourth quarter of the year 1915, but as a complete summary of the more important statistical facts of the entire year is now available, a short preliminary statement regarding them is given. A full account of the vital statistics of the year will be published a few months hence in the Annual Report. The figures here given may be accepted as being substantially correct, but they are only provisional, and it may be found necessary to amend some of them in the final revision which will be made in the preparation of that report.

During the year 1915 the births of 114,204 living children, the deaths of 81,629 persons, and 36,265 marriages were registered in Scotland. Compared with the returns of the previous year, these births are 9730 fewer, but these marriages are 1216 more, and these deaths 8072 more. Compared with the average numbers registered annually during the preceding five years, the births are 8426 fewer, but the marriages are 3467 more, and the deaths 9036 more. Compared with the average numbers registered annually during the preceding ten years the births are 12,340 fewer, but the marriages are 3923 more, and the deaths 7339 more. The registered births of the year are fewer than those of all years since 1869; they are 19,321 fewer than those registered in 1903, in which year the registered births attained a maximum. The registered marriages of the year are more than those of all previous years, the number in 1914, which was 35,049, being the previous maximum. The registered deaths of the year are more than those of all previous years with the exception of 1875, 1891, 1895, and 1900.

The natural increase of the year, the excess of births over deaths, amounted to 32,575. It is 17,802 less than that of the previous year, 17,462 less than the mean annual natural increase during the five preceding years, and 19,678 less than that during the preceding ten years. It is 24,948 less than that of the year 1903, when the natural increase attained a maximum. It is less than the natural increase of all previous years since 1855.

The birth-rate of the year is 23·9 per thousand, which is 2·2 less than that of the previous year, 2·0 less than the mean of those of the five preceding years, and 3·1 less than the mean of those of the ten preceding years. It is the lowest annual Scottish birth-rate yet recorded. It is 11·7 less than the birth-rate of 1876, in which year a maximum occurred.

The marriage-rate of the year is 7·6 per thousand. It is 0·2 more than that of the previous year, 0·7 more than the mean of those of the preceding five years, and the same amount more than the mean of those of the ten preceding years. In only one previous year has this rate been exceeded, and that was in 1873, when the marriage-rate was 7·8 per thousand.

The death-rate of the year is 17·1 per thousand. It is 1·6 more than that of the previous year, 1·8 more than the mean of those of the preceding five years, and 1·3 more than the mean of those of the preceding ten years. It is the highest Scottish annual death-rate since 1904.

By comparison with the figures of the previous year it is found that the relatively high death-rate of the year is not associated with any marked increase in the frequency of death in any one age period, or from any one cause of death, but is associated with an increased frequency of death in all ages, and from several causes. Thus, while the total deaths of the year show an increase of 11 per cent. over those of the previous year, deaths at ages under 5 are found to be 2707, or 13 per cent. more than in that year, those at ages between 5 and 65 are 2742, or 9·0 per cent., more, and those at ages over 65 are 2603, or 12 per cent., more. Causes of death found to be more frequent in 1915 than in the previous year, and the amount of the increased frequencies, include:—Measles, 765; scarlet fever, 133; whooping-cough, 1474; influenza, 310; phthisis, 367; organic heart disease, 839; bronchitis, 1756; pneumonia, 1683; nephritis and Bright's disease, 161; and violence, suicide excepted, 344.

The infantile mortality rate of the year was 126 per thousand registered births. It is 15 more than that of the previous year, 17 more than the mean of those of the five preceding years, and 14 more than the mean of those of the ten preceding years. It is higher than those of all years since 1901.

The death-rate from the principal epidemic diseases was 1·8 per thousand, which is 0·3 more than in 1914, and 0·4 more than in 1913. The death-rate from enteric fever was 4 per 100,000; from measles, 46; from scarlet fever, 20; from whooping-cough, 59; from diphtheria, 17; and from the diarrhoeas of childhood, 36.

The death-rate from all forms of tuberculous disease was 163 per 100,000, and from phthisis, 110. The former is 1, and the latter 6, more than in the previous year.

In the larger burghs taken collectively the birth-rate of the year was 24·3 per thousand, and the death-rate, 18·1. In the smaller burghs taken collectively the birth-rate of the year was 23·0, and the death-rate, 17·1. In the county public health districts taken collectively the birth-rate was 23·7; and the death-rate, 15·1. Compared with the rates of the previous year the birth-rate in the larger burghs is 2·2 less; in the smaller burghs, 2·3 less; and in the county districts, 2·3 less; while the death-rate in the larger burghs is 1·9 more; in the smaller burghs, 1·5 more; and in the county districts, 0·7 more.

In the larger burghs taken individually the birth-rate of the year varied from 30·6 in Hamilton, 29·9 in Clydebank, 29·5 in Greenock, and 29·3 in Motherwell, to 17·0 in Perth, and 17·9 in Edinburgh. In Coatbridge this rate was 27·5; in Glasgow, 26·0; in Leith, 24·7; in Paisley, 24·6; in Kilmarnock, 23·9; in Aberdeen, 23·7; in Falkirk, 23·4; in Ayr, 22·5; in Dundee, 21·8; and in Kirkcaldy, 21·0. In these burghs the death-rate ranged from 21·1 in Dundee, 20·2 in Greenock, and 19·2 in Aberdeen, to 13·4 in Clydebank, and 13·6 in Motherwell. In Glasgow this rate was 18·8; in Paisley, 17·1; in Perth, 17·0; in Ayr, 16·8; in Edinburgh, 16·6; in Hamilton, 16·6; in Leith, 16·5; in Falkirk, 16·3; in Coatbridge, 16·1; in Kirkcaldy, 15·6; and in Kilmarnock, 15·6.

In the larger burghs the principal epidemic diseases death-rate varied from 3·8 in Dundee, 3·1 in Aberdeen, 2·8 in Hamilton, and 2·7 in Glasgow,



to 1·1 in Perth, 1·3 in Leith, and 1·4 in Coatbridge, in Kirkcaldy, and in Kilmarnock. In these burghs the phthisis death-rate ranged from 154 per 100,000 in Dundee, 139 in Leith, 137 in Glasgow, 135 in Aberdeen, and 131 in Paisley, to 62 in Motherwell, 65 in Clydebank, 82 in Falkirk, and 85 in Hamilton.

TABLE IIa.—CAUSES OF DEATH IN SCOTLAND DURING YEAR 1915.

CAUSES OF DEATH.	All Ages.	Age.											Age not stated.
		—1	1—	5—	10—	15—	25—	35—	45—	55—	65—	75—	
Enteric Fever - - - - -	170	—	5	9	23	48	38	25	10	8	4	—	—
Typhus Fever - - - - -	5	—	—	—	2	1	—	2	—	—	—	—	—
Small-pox - - - - -	2	1	1	—	—	—	—	—	—	—	—	—	—
Measles - - - - -	2223	625	1442	98	10	24	12	6	1	1	3	1	—
Scarlet Fever - - - - -	948	45	482	268	78	40	16	14	4	1	—	—	—
Whooping-cough - - - - -	2816	1227	1503	81	3	—	1	—	—	1	—	—	—
Diphtheria and Croup - - - - -	835	74	493	187	45	18	4	2	6	4	2	—	—
Influenza - - - - -	540	33	2	5	5	20	20	29	42	61	116	207	—
Erysipelas - - - - -	186	33	4	2	—	10	13	16	22	28	34	24	—
Phthisis, Pulmonary Tuberculosis	5284	31	111	112	191	1162	1322	1077	708	414	135	21	—
Tuberculous Meningitis - - - - -	998	246	437	153	64	59	18	12	3	6	—	—	—
Abdominal Tuberculosis - - - - -	716	111	262	86	70	77	48	27	21	11	1	2	—
Other Tuberculous Diseases - - - - -	809	68	140	74	77	145	97	83	55	41	20	9	—
Cancer, Malignant Disease - - - - -	5228	2	6	7	9	37	114	418	946	1517	1353	819	—
Rheumatic Fever - - - - -	270	1	8	28	36	68	32	30	30	22	9	6	—
Meningitis - - - - -	991	341	323	95	44	65	35	34	29	12	11	2	—
Organic Heart Disease - - - - -	7501	36	12	55	104	258	288	467	868	1533	2127	1752	1
Bronchitis - - - - -	6485	1192	401	44	18	45	82	203	468	966	1523	1543	—
Pneumonia (all forms) - - - - -	7386	1859	1695	157	63	257	316	441	574	701	729	594	—
Other Diseases of Respiratory Organs	1331	228	170	24	17	43	72	73	107	200	197	200	—
Diarrhoea and Enteritis (under 2 years)	1734	1422	312	—	—	—	—	—	—	—	—	—	—
Appendicitis and Typhlitis - - - - -	395	—	11	49	78	92	46	39	28	30	17	5	—
All Liver Diseases (not Malignant) - - - - -	550	8	7	4	5	13	14	68	96	155	102	78	—
Other Diseases of the Digestive System	2652	375	243	117	51	127	165	209	292	351	401	321	—
Nephritis and Bright's Disease - - - - -	2289	29	44	44	40	80	150	234	409	540	472	247	—
Puerperal Sepsis - - - - -	218	—	—	—	—	56	98	62	2	—	—	—	—
Other Diseases and Accidents of Pregnancy and Parturition - - - - -	470	—	—	—	—	73	218	175	4	—	—	—	—
Congenital Debility and Malformation, including Premature Birth - - - - -	4660	4610	25	9	6	6	3	1	—	—	—	—	—
Violent Deaths, excluding Suicide - - - - -	3210	186	293	154	119	466	432	421	347	326	223	221	22
Suicide - - - - -	223	—	—	—	1	19	31	52	55	43	20	2	—
Other Defined Diseases - - - - -	18333	1446	571	181	180	423	575	971	1537	2387	3932	6130	—
Diseases Ill-Defined or Unknown - - - - -	2170	215	118	16	20	46	58	130	206	422	469	467	3
All causes - - - - -	81628	14444	9121	2059	1359	3778	4318	5321	6870	9781	11900	12651	26

## QUARTER ENDING 31ST DECEMBER 1915.

## BIRTHS.

The births of 25,590 living children were registered in Scotland during the fourth quarter of the year 1915. These births are 4343 fewer than registered in the fourth quarter of the previous year, 3853 less than the mean of the numbers registered in the fourth quarters of the preceding five years, and 4635 less than the mean of those registered in the fourth quarters of the preceding ten years. It is the smallest number of births registered in Scotland in the fourth quarter of a year since 1862. The

maximum number of births registered in a fourth quarter occurred in 1902, and compared with that number, 32,489, that of this quarter is 6899 less.

The birth-rate of the quarter was 21·2 per thousand. It is 1·0 less than that of the previous quarter, 3·9 less than that of the fourth quarter of the previous year, 3·4 less than the mean of those of the fourth quarters of the preceding five years, and 4·4 less than the mean of those of the fourth quarters of the preceding ten years. It is the lowest fourth quarterly birth-rate yet recorded.

Of the 25,590 children whose births were registered during the quarter, 13,057 were male, and 12,533 female, the ratio of male to female births being 104·2 to 100. In the previous quarter this ratio was 104·6 to 100, and in the fourth quarter of the previous year, 104·7 to 100.

In the Divisions of the Counties the quarterly birth-rate ranged from 24·2 in the South-Western, 20·7 in the West-Midland, and 20·5 in the North-Eastern, to 15·2 in the North-Western, and 16·3 in the Northern. In the East-Midland Division this rate was 18·7, in the South-Eastern, 18·4; and in the Southern, 18·2.

TABLE I.—BIRTHS, ILLEGITIMATE BIRTHS, DEATHS, and MARRIAGES in SCOTLAND, and in the Divisions of the Counties during the Quarter ending 31st December 1915, with relative rates; also Infantile Mortality.

	POPULATION.		TOTAL BIRTHS.		ILLEGITIMATE BIRTHS.		DEATHS.		MARRIAGES.		DEATHS OF CHILDREN OF UNDER ONE YEAR.	
	Census 1911.	Estimated to middle of 1915.	Number.	Rate per 1000 of Pop.	Number.	Per cent. of Total Births.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 of Pop.	Number.	Rate per 1000 Births.
SCOTLAND, .....	4760904	4780900	25590	21·2	1689	6·6	*20305	16·8	9385	7·8	3375	132
LARGER BURGHS	2245735	2345500	12894	21·8	786	6·1	10646	18·0	5892	10·0	1962	152
SMALLER BURGHS	954090	932200	4753	20·2	312	6·6	3951	16·8	1719	7·3	594	125
COUNTY DISTRICTS	1561079	1503200	7943	21·0	591	7·4	5577	14·7	1774	4·7	819	103
Northern Division,	105997	98100	403	16·3	31	7·7	407	16·4	137	5·5	30	74
North-Western Do.	164636	153400	587	15·2	49	8·3	641	16·6	224	5·8	45	77
North-Eastern Do.	467333	450300	2327	20·5	303	13·0	1712	15·1	1013	8·9	264	113
East-Midland Do.	712146	704000	3319	18·7	211	6·4	2960	16·7	1293	7·3	454	137
West-Midland Do.	336312	382400	1994	20·7	107	5·4	1480	15·4	523	5·4	233	117
South-Western Do.	2033521	2108700	12874	24·2	670	5·2	9419	17·7	4310	8·1	1845	143
South-Eastern Do.	700577	705100	3265	18·4	229	7·0	2811	15·8	1569	8·8	417	128
Southern Do.	190382	178900	821	18·2	89	10·8	744	16·5	316	7·0	87	106

\* Including 131 unallocated deaths. (See page 38.)

In the counties, burghs included, the birth-rate of the quarter ranged from 24·7 in Linlithgow, 24·7 in Lanark, 23·3 in Ayr, 22·7 in Renfrew, 22·6 in Dumbarton, and 22·1 in Stirling, to 10·7 in Selkirk, 12·4 in Kinross, 13·0 in Nairn, and 14·2 in Peebles and in Ross and Cromarty.

In the larger burghs taken collectively, in those with populations of over 30,000, the birth-rate of the quarter was 21·8, in the smaller burghs, 20·2; and in the county, or extraburghal public health districts, 21·0.



TABLE II.—Number of Births, Deaths, and Marriages in Scotland, and their Proportion to the Population, estimated to the middle of each year, during each Quarter of the Years 1905 to 1915 inclusive.

	1905		1906		1907		1908		1909		1910		1911		1912		1913		1914		1915	
	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.	No.	Per 1000 of Pop.
FIRST QUARTER.																						
Births, .....	32004	28·3	32976	29·0	31508	27·5	32503	27·9	32373	27·9	30432	26·1	30710	26·1	30272	25·6	29825	25·6	30656	26·3	31008	26·3
Deaths, .....	20820	18·4	20488	18·0	22635	19·8	23997	20·6	21469	18·5	20605	17·7	19794	16·9	20671	17·5	21270	18·2	20654	17·7	24981	21·2
Marriages, .....	6867	6·1	7302	6·4	7268	6·3	7591	6·5	7111	6·1	7317	6·3	6758	5·8	6994	5·9	7841	6·7	8631	7·4	7993	6·8
Mean Temperat.	40°·2		37°·9		39°·0		38°·8		37°·9		38°·7		39°·4		39°·4		38°·9		39°·8		38°·2	
SECOND QUARTER.																						
Births, .....	35476	31·0	34960	30·4	34511	29·8	35611	30·5	34671	29·6	33812	28·6	32935	27·7	32221	27·3	32198	27·3	33009	28·0	30809	25·8
Deaths, .....	18763	16·4	19306	16·8	20119	17·4	19499	16·7	18478	15·8	18593	15·8	18029	15·2	17728	15·0	18143	15·4	18169	15·4	20414	17·1
Marriages, .....	8153	7·1	8699	7·6	8864	7·7	8813	7·6	8171	7·0	7928	6·7	8567	7·2	8209	7·0	8503	7·2	9088	7·7	9244	7·8
Mean Temperat.	49°·2		48°·7		47°·4		48°·9		48°·6		48°·7		50°·3		49°·8		49°·1		50°·5		48°·8	
THIRD QUARTER.																						
Births, .....	33044	28·6	32109	27·6	31427	26·8	32612	27·7	31136	26·3	30061	25·2	29653	24·7	30166	25·3	29487	24·7	30336	25·5	26797	22·2
Deaths, .....	16412	14·2	16439	14·1	15721	13·4	16325	13·9	14964	12·6	15331	12·8	16149	13·4	15219	12·8	16194	13·6	16219	13·6	15929	13·2
Marriages, .....	8178	7·1	8576	7·4	8994	7·7	8044	6·8	7777	6·6	7975	6·7	8434	7·0	8778	7·4	9037	7·6	9358	7·9	9643	8·0
Mean Temperat.	55°·6		56°·0		54°·2		55°·2		54°·5		55°·1		57°·1		53°·1		55°·6		56°·4		55°·5	
FOURTH QUARTER.																						
Births, .....	30857	26·7	31875	27·4	31343	26·8	30611	26·0	30352	25·6	29705	24·9	28513	23·7	30057	25·2	29006	24·3	29933	25·1	25590	21·2
Deaths, .....	18531	16·0	19352	16·6	18792	16·0	18018	15·3	19683	16·6	17716	14·8	17760	14·8	18719	15·7	17462	14·6	18515	15·5	20305	16·8
Marriages, .....	8045	7·0	8546	7·3	8134	6·9	7135	6·1	7033	5·9	7646	6·4	8052	6·7	8529	7·1	8310	7·0	7972	6·7	9385	7·8
Mean Temperat.	41°·9		43°·2		42°·5		45°·3		40°·7		42°·3		42°·3		42°·4		44°·3		42°·8		40°·1	
YEAR.																						
Population .....	4,592,036		4,620,720		4,649,586		4,678,629		4,707,853		4,737,268		4,749,673		4,741,077		4,728,132		4,747,167		4,785,598	
Births, .....	131381	28·6	131920	28·5	128789	27·7	131337	28·1	128582	27·3	124000	26·2	121811	25·6	122716	25·9	120516	25·5	123934	26·1	114204	23·9
Deaths, .....	74526	16·2	75585	16·4	77267	16·6	77389	16·6	74594	15·8	72245	15·3	71732	15·1	72337	15·3	73069	15·5	73557	15·5	81629	17·1
Marriages, .....	31243	6·8	33123	7·2	33260	7·2	31583	6·8	30092	6·4	30866	6·5	31811	6·7	32510	6·9	33691	7·1	35049	7·4	36265	7·6

Compared with rates of the fourth quarter of the previous year, that of the larger burghs is 3·8 less; of the smaller burghs, 4·1 less; and of the county districts, 3·9 less.

In the larger burghs taken individually the birth-rate of the quarter ranged from 29·2 in Motherwell, 26·4 in Greenock, 25·6 in Hamilton, and 25·2 in Clydebank, to 15·2 in Perth, 15·6 in Edinburgh, and 18·8 in Dundee and in Kirkcaldy. In Glasgow this rate was 23·9; in Leith, 23·2; in Kilmarnock, 22·7; in Coatbridge, 21·3; in Aberdeen, 21·2; in Falkirk, 20·5; in Ayr, 20·1; and in Paisley, 19·9.

In the smaller burghs, with populations of more than 10,000, the birth-rate of the quarter varied from 31·2 in Port-Glasgow, 28·9 in Wishaw, 28·4 in Borrowstounness, 28·3 in Johnstone, and 28·1 in Kirkin-tilloch, to 10·7 in Galashiels, 12·6 in Montrose, 13·4 in Forfar, and 14·8 in Grangemouth. There are 27 burghs in this group; in 1 the birth-rate was more than 30; in 6, more than 25 but less than 30; in 11, more than 20 but less than 25; in 5, more than 15 but less than 20; and in 4, less than 15.

In county districts with populations of more than 10,000, the birth-rate of the quarter ranged from 29·8 in Ayr District of Ayr, 28·8 in Middle Ward District of Lanark, 26·5 in Bathgate District of Linlithgow, 25·7 in Central District of Stirling, and 25·4 in Calder District of Midlothian, to 10·3 in Lews District of Ross and Cromarty, 12·6 in Mainland District of Shetland, 13·4 in Lorn District of Argyll, and 14·5 in Suburban District of Midlothian. There are 51 county districts with populations of more than 10,000. In 5 of them the birth-rate was more than 25 but less than 30; in 23, more than 20 but less than 25; in 17, more than 15 but less than 20; and in 6, more than 10 but less than 15.

Of the 25,590 children whose births were registered during the quarter, 23,901, or 93·4 per cent., were legitimate, while 1689, or 6·6 per cent., were illegitimate. Compared with the numbers of the previous quarter, the legitimate children are 1085 fewer, and the illegitimate children, 122 fewer. Compared with the numbers of the fourth quarter of the previous year, the legitimate children are 3816 fewer, and the illegitimate children, 520 fewer. The illegitimate rate of the quarter is 0·2 less than that of the previous quarter, and 0·8 less than that of the corresponding quarter of the previous year.

In the Divisions of the Counties, the illegitimate rate of the quarter varied from 13·0 per cent. in the North-Eastern, and 10·8 in the Southern, to 5·2 in the South-Western, and 5·4 in the West-Midland. In the North-Western Division this rate was 8·3 per cent.; in the Northern, 7·7; in the South-Eastern, 7·0; and in the East-Midland, 6·4.

In the counties, burghs included, the illegitimate rate of the quarter varied from 15·4 in Banff, 15·2 in Wigtown, 13·1 in Aberdeen, and 13·0 in Kinross, to 3·1 in Selkirk, 3·4 in Nairn, and 3·7 in Dumbarton. In 2 counties this rate exceeded 15 per cent.; in 8 it was more than 10 but less than 15; in 16, more than 5 but less than 10; and in 7, less than 5.

The collective illegitimate rate in the larger burghs was 6·1 per cent.; in the smaller burghs, 6·6; and in the county districts, 7·4. Compared with the corresponding rate of the previous quarter that of the larger burghs is of the same amount, that of the smaller burghs is 0·2 more, but that of the county districts is 0·5 less.

In the larger burghs taken individually this rate ranged from 11·0 per cent. in Aberdeen, 9·6 in Edinburgh, 8·3 in Dundee, and 8·1 in Perth, to



2·5 in Clydebank, 2·9 in Motherwell, and 4·1 in Kirkcaldy. In Ayr this rate was 6·5; in Kilmarnock, 6·2; in Falkirk, 5·6; in Coatbridge, 5·5; in Glasgow, 5·2; in Greenock, 5·0; in Leith, 4·7; in Hamilton, 4·4; and in Paisley, 4·3.

In smaller burghs with populations of over 10,000 this rate ranged from 15·6 in Inverness, 10·5 in Peterhead, and 10·0 in Alloa and in Hawick, to 1·2 in Cowdenbeath, 2·4 in Renfrew, and 2·6 in Rutherglen, in Galashiels, and in Grangemouth.

In the county districts with populations of over 10,000 this rate varied from 21·1 per cent. in Ellon District of Aberdeen, 20·7 in Turriff District of Aberdeen, 17·5 in Rhins District of Wigtown, and 17·1 in Annan District of Dumfries, to 0 in County District of Clackmannan and in Western District of Perth, 1·8 in Upper District of Renfrew, and 2·0 in Easter-Ross District of Ross and Cromarty.

The average number of births registered daily in October was 281; in November, 271; and in December, 282. The monthly birth-rate of October was 21·4; of November, 20·7; and of December, 21·6.

The birth-rate of the quarter in England and Wales was 19·5 per thousand, which is 1·7 less than the Scottish rate.

### MARRIAGES.

Marriages registered in Scotland during the quarter numbered 9385. They are 258 fewer than registered in the previous quarter, but are 1413 more than registered in the fourth quarter of the previous year, 1283 more than the mean of the numbers registered in the fourth quarter of the preceding five years, and 1445 more than the mean of those of the fourth quarters of the preceding ten years. It is the largest number of marriages yet registered in a fourth quarter, and is also larger than the number registered in all previous quarters with the exception of the third quarter of 1915.

The marriage-rate of the quarter was 7·8 per thousand. It is 0·2 less than that of the previous quarter, but is 1·1 more than that of the fourth quarter of the previous year, 1·0 more than the mean of those of the fourth quarters of the preceding five years, and 1·1 more than the mean of those of the preceding ten years. It is the highest fourth quarter marriage-rate since 1900.

In the counties, burghs included, the marriage-rate of the quarter ranged from 10·3 per thousand in Midlothian, 10·2 in Aberdeen, 9·2 in Forfar, 8·9 in Bute, and 8·6 in Lanark, to 3·3 in Peebles, 3·9 in Caithness, 4·1 in Clackmannan, and 4·3 in Selkirk and in Berwick.

In the larger burghs this rate ranged from 13·3 in Aberdeen, 12·7 in Edinburgh, 11·6 in Perth, 10·7 in Dundee, and 10·1 in Glasgow, to 4·3 in Coatbridge, 4·8 in Motherwell, and 5·3 in Falkirk.

The collective marriage-rate of the quarter in the larger burghs was 10·0; in the smaller burghs, 7·3; and in the county districts, 4·7.

The marriage-rate in October was 6·0; in November, 8·1; and in December, 9·2.

### DEATHS.

Deaths registered in Scotland during the quarter numbered 20,305. They are 4376 more than registered in the previous quarter, 1790 more than in the fourth quarter of the previous year, 2271 more than the mean of the numbers registered in the fourth quarter of the preceding five years, and 1850 more than the mean of those registered in the fourth

quarter of the preceding ten years. These deaths number more than those registered in any fourth quarter since 1893.

The death-rate of the quarter was 16·8 per thousand. It is 3·6 more than that of the third quarter, 1·3 more than that of the fourth quarter of the previous year, 1·7 more than the mean of those of the fourth quarters of the preceding five years, and 1·2 more than those of the preceding ten years. It is higher than those of all fourth quarters since 1904.

In the Divisions of the Counties the death-rate of the quarter ranged from 17·7 in the South-Western, and 16·7 in the East-Midland, to 15·1 in the North-Eastern, and 15·4 in the West-Midland. In the North-Western it was 16·6; in the Southern, 16·5; in the Northern, 16·4; and in the South-Eastern, 15·8

In the counties, burghs included, the death-rate varied from 19·5 in Caithness, 18·6 in Forfar, 18·4 in Renfrew, to 12·2 in Linlithgow, 12·4 in Kinross, 12·5 in Berwick, and 14·0 in Shetland.

In the larger burghs taken collectively the death-rate was 18·0 per thousand; in the smaller burghs, 16·8; and in the county districts, 14·7. Compared with the rate of the fourth quarter of the previous year, that of the larger burghs is 1·2 more, that of the smaller burghs is 1·8 more, and that of the county districts is 0·9 more.

In the larger burghs the death-rate of the quarter ranged from 23·3 in Greenock, 20·6 in Hamilton, and 19·3 in Dundee, to 14·0 in Clydebank, 14·3 in Motherwell, and 14·4 in Kilmarnock. In Coatbridge, the death-rate was 18·8; in Glasgow, 18·6; in Paisley, 18·6; in Edinburgh, 16·9; in Perth, 16·9; in Aberdeen, 16·8; in Ayr 16·5; in Leith, 15·7; in Kirkcaldy, 15·6; and in Falkirk, 15·3

In the smaller burghs with populations of more than 10,000, the quarterly death-rate varied from 24·0 in Inverness, 22·7 in Dumfries, 21·6 in Johnstone, 21·1 in Montrose, 20·5 in Irvine, and 20·3 in Hawick, to 10·1 in Fraserburgh, 11·3 in Borrowstounness, 11·7 in Renfrew, and 12·0 in Cowdenbeath.

In the county, or extraburghal, public health districts the death-rate ranged from 23·0 in Easter-Ross District of Ross and Cromarty, 18·7 in County District of Caithness, 18·5 in Suburban District of Midlothian, 18·3 in Calder District of Midlothian, and 18·1 in Forfar District of Forfar, to 9·0 in Bathgate District of Linlithgow, 10·6 in Lews District of Ross and Cromarty, 10·9 in Ellon District of Aberdeen, 11·6 in Kirkcaldy District of Fife, and 11·9 in Banff District of Banff.

The death-rate of the quarter in England and Wales was 14·6, which is 2·2 less than the Scottish rate.

### AGES OF THOSE DYING.

Of the 20,305 persons whose deaths were registered during the quarter, 5413, or 26·7 per cent., were aged less than five; 8433, or 41·5 per cent., were more than five but less than sixty-five; and 6449, or 31·8 per cent., were more than sixty-five; while in 10 instances the age at death was not stated. Compared with the returns of the previous quarter, deaths under five are 1087 more; from five to sixty-five, 1340 more; and over sixty-five, 1943 more. Compared with the returns of the fourth quarter of 1914, deaths under five are 273 more; from five to sixty-five, 633 more; and over sixty-five, 886 more.

Deaths of children of less than one year old numbered 3375. They are



691 more than in the previous quarter, but 59 fewer than in the corresponding quarter of the previous year. Births registered during the quarter numbered 25,590, and those deaths are thus equal to an infantile mortality rate of 132 per thousand registered births, which rate is 32 more than in the previous quarter, and 17 more than in the fourth quarter of the previous year.

In the divisions of the counties, the infantile mortality rate of the quarter ranged from 143 in the South-Western, and 137 in the East-Midland, to 74 in the Northern, and 77 in the North-Western. In the South-Eastern it was 128; in the West-Midland, 117; in the North-Eastern, 113; and in the Southern, 106.

In the counties, burghs included, this rate ranged from 185 in Clackmannan, 173 in Forfar, 156 in Selkirk, 147 in Lanark, 145 in Roxburgh, and 142 in Haddington, to 37 in Orkney, 41 in Shetland, 43 in Kinross, 47 in Argyll, and 48 in Bute.

In the larger burghs taken collectively this rate was 152; in the smaller burghs, 125; and in the county districts, 103. Compared with the returns of the previous quarter, the infantile mortality rate in the larger burghs is 34 more; in the smaller burghs, 37 more; and in the county districts, 24 more. Compared with the returns of the fourth quarter of the previous year, this rate in the larger burghs is 14 more; in the smaller burghs, 27 more, and in the county districts, 15 more.

In the larger burghs taken individually this rate varied from 212 in Dundee, 194 in Ayr, 193 in Hamilton, and 190 in Coatbridge, to 94 in Leith, 104 in Kilmarnock, and 111 in Motherwell. In Greenock this rate was 183; in Aberdeen, 169; in Edinburgh, 151; in Glasgow, 148; in Perth 140; in Clydebank, 138; in Falkirk, 130; in Paisley 122; and in Kirkealdy, 113.

In the smaller burghs with populations of more than 10,000 this rate ranged from 243 in Hawick, 229 in Dumfries, 221 in Irvine, 209 in Barrhead, 188 in Buckhaven Methil and Innerleven, and 165 in Dumbarton, to 57 in Stirling, 64 in Borrowstounness, 65 in Fraserburgh, 87 in Grangemouth, 88 in Forfar, and 89 in Port-Glasgow.

In the county districts with populations of more than 10,000 this rate ranged from 160 in Easter-Ross District of Ross and Cromarty, 156 in Carrick District of Ayr, 149 in Middle Ward District of Lanark, 146 in Kirkealdy District of Fife, and 145 in Central District of Stirling, to 16 in Keith District of Banff, 21 in Western District of Perth, 29 in Skye District of Inverness, 30 in Banff District of Banff, and 33 in Brechin District of Forfar.

The infantile mortality rate of the quarter in England and Wales was 114 per thousand registered births, and is 18 less than the Scottish rate.

### CAUSES OF DEATH.

Of the 20,305 deaths registered during the quarter, 1784, or 8·8 per cent., were attributed to one or other of the principal epidemic diseases, and included 41 from enteric fever, 503 from measles, 316 from scarlet fever, 117 from whooping-cough, 270 from diphtheria, and 537 from diarrhoeas among children of less than two years old. Collectively these deaths are 38 fewer than in the previous quarter, but 105 more than in the fourth quarter of the previous year. Compared with the numbers in the previous quarter, deaths from diphtheria are 108 more; and from scarlet fever, 93 more; but those from enteric fever are 6 fewer; from measles,

52 fewer; from the diarrhœas of childhood, 77 fewer; and from whooping-cough 104 fewer. Compared with the returns of the corresponding quarter of the previous year, deaths from measles are 438 more; from the diarrhœas of childhood, 32 more; and from scarlet fever, 28 more; but those from enteric fever are 36 fewer; from diphtheria, 53 fewer; and from whooping-cough, 304 fewer.

The quarterly death-rate from the principal epidemic diseases taken collectively was 1·5 per thousand, which is of the same amount as in the previous quarter, but 0·1 more than in the fourth quarter of the previous year. The quarterly death-rate from enteric fever was 3 per 100,000; from measles, 42; from scarlet fever, 26; from whooping-cough, 10; from diphtheria, 22; and from the diarrhœas of childhood, 45.

In the larger burghs the quarterly epidemic diseases death-rate ranged from 5·4 per thousand in Hamilton, 4·6 in Greenock, 2·5 in Coatbridge, and 2·4 in Aberdeen and in Ayr, to 0·8 in Leith, and 0·9 in Kilmarnock and in Perth. In Dundee this rate was 2·0; in Kirkcaldy, 1·8; in Paisley, 1·7; in Edinburgh, 1·7; in Falkirk, 1·7; in Motherwell, 1·6; in Glasgow, 1·4; and in Clydebank 1·2. In Aberdeen the high epidemic diseases death-rate was associated with a prevalence of scarlet fever, while in Hamilton, Greenock and Coatbridge it was with a prevalence of measles.

In the counties, burghs included, relatively high epidemic diseases death-rates occurred in Kincardine, 3·1; in Renfrew, 2·1; in Lanark, 1·8; in Roxburgh, 1·8; in Selkirk, 1·8; in Midlothian, 1·7; and in Aberdeen, 1·7.

In burghs with populations of between 10,000 and 30,000 the epidemic diseases death-rate was relatively high in Hawick, 3·8; in Buckhaven Methil and Innerleven, 3·3; in Wishaw, 3·2; in Peterhead, 2·9; and in Johnstone, 2·7. In county districts with population of this amount this rate was relatively high in Middle Ward District of Lanark, 3·2; and in Calder District of Midlothian, 3·1.

Deaths attributed to epidemic diseases other than the foregoing included 1 from typhus fever, 75 from influenza, 4 from dysentery, 48 from erysipelas, and 54 from cerebro-spinal meningitis. No deaths from small-pox were registered during the quarter.

Deaths from all forms of tuberculous disease numbered 1824, and constituted 9·0 per cent. of the total. They are 152 more than in the previous quarter, and 50 more than in the fourth quarter of the previous year. They are equal to an annual death-rate of 151 per 100,000, which is 12 more than in the previous quarter, and 2 more than in the fourth quarter of the previous year. Of these deaths 1246 were ascribed to phthisis, 227 to tuberculous meningitis, 154 to abdominal tuberculosis, and 197 to other forms of tuberculous disease. Compared with the returns of the previous quarter, deaths from phthisis are 126 more, and from tuberculous meningitis 23 more, but those from abdominal tuberculosis are 10 fewer. Compared with the returns of the fourth quarter of the previous year, deaths from phthisis are 40 more, and those from tuberculous meningitis are 28 more, but those from abdominal tuberculosis are 10 fewer. The quarterly death-rate from phthisis was 103 per 100,000, which is 11 more than that of the previous quarter, and 2 more than that of the corresponding quarter of the previous year. The quarterly death-rate from tuberculous meningitis was 19, and from abdominal tuberculosis, 13.

Deaths from malignant disease numbered 1312, constituted 6·5 per cent. of the total, and are equal to an annual death-rate of 109 per 100,000.



These deaths are 78 fewer than in the previous quarter, and 39 fewer than in the corresponding quarter of the previous year.

Deaths from apoplexy numbered 1258, and from heart disease, 1954, the former being 30, and the latter 276, more than the corresponding quarter of the previous year.

Deaths from pneumonia numbered 1881, constituted 9·3 per cent. of the total, and are equal to a quarterly death-rate of 156 per 100,000. They are 984 more than in the previous quarter, and 420 more than in the fourth quarter of the previous year. Deaths from bronchitis numbered 1913, constituted 9·4 per cent. of the total, and are equal to a quarterly death-rate of 159 per 100,000. They are 1327 more than in the previous quarter, and 675 more than in the fourth quarter of the previous year.

Deaths from diseases and accidents of pregnancy and childbirth numbered 179; they are 28 more than in the previous quarter, and 9 more than in the fourth quarter of the previous year. Registered births during the quarter numbered 25,590, and thus these deaths are equal to a death-rate of 7·0 per 1000 births, which is 1·4 more than in the previous quarter, and 1·3 more than in the fourth quarter of the previous year.

Deaths attributed to violent causes numbered 864, constituted 4·3 per cent. of the total, and equal a quarterly death-rate of 72 per 100,000. These deaths are 8 more than in the previous quarter, and 33 more than in the fourth quarter of the previous year. Of these deaths 47 were attributed to suicide, 3 to homicide, 26 to war injuries, and 788 to accident.

Deaths of which the causes were ill-defined numbered 389, and those of which the cause was not specified or merely described as "natural causes" numbered 172. The former included 274 ascribed to heart failure, 65 to syncope, 6 to dropsy, 6 to sudden death, 1 to teething, and 37 others.

### WEATHER.

The Meteorological Returns, which appear in the Registrar-General's Monthly Reports, and which refer more particularly to observations made in eight of the larger burghs, show that *October* was characterised by an extremely high mean pressure; a mean temperature practically equal to the normal, with a mean daily range practically equal to the normal; a somewhat low mean rainfall; and a considerable excess of easterly and south easterly winds. *November* was characterised by a high mean pressure; an abnormally low mean temperature, with a rather high mean daily range; a low mean rainfall; and an excess of north-westerly winds. *December* was characterised by an abnormally low mean pressure; a slightly low mean temperature, with a low mean daily range; a very high mean rainfall; and a considerable excess of easterly winds.

Observations made *throughout Scotland* show that the mean height of the barometric column, reduced to sea-level and 32° Fahr., was 30·031 inches in October, 29·919 inches in November, and 29·512 inches in December. The mean temperature for the quarter was 40°·1, being 1°·1 above the mean for the corresponding quarter of the last ten years. The mean temperature for October was 46°·7, for November 36°·5, and for December 37°·2. The absolutely highest temperature recorded in October was 65°, in November 56°, and in December 54°. The absolutely lowest temperature recorded was 21° in October, 10° in November, and 8° in December. The mean number of days on which rain fell was 14 in October, 13 in November, and 24 in December. The mean amount collected was 2·82 inches in October, 2·69 inches in November, and 6·18 inches in December.

TABLE A.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF THE COUNTIES OF SCOTLAND  
DURING THE QUARTER ENDING 31ST DECEMBER 1915.

COUNTIES.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
SCOTLAND . . . . .	4,780,900	21·2	7·8	16·8	1·5	6·6	132
Aberdeen . . . . .	303,600	20·6	10·2	15·0	1·7	13·1	132
Argyll . . . . .	63,500	14·6	5·6	17·0	1·1	12·4	47
Ayr . . . . .	263,900	23·3	7·2	14·9	1·3	6·6	131
Banff . . . . .	58,100	20·9	5·9	15·0	0·8	15·4	59
Berwick . . . . .	27,600	17·0	4·3	12·5	0·1	12·7	51
Bute . . . . .	17,000	14·5	8·9	14·0	0·7	4·8	48
Caithness . . . . .	29,500	16·5	3·9	19·5	0·3	8·9	122
Clackmannan . . . . .	29,100	19·9	4·1	18·1	0·5	5·5	185
Dumbarton . . . . .	141,200	22·6	5·3	15·5	1·0	3·7	133
Dumfries . . . . .	69,000	19·1	7·6	17·8	0·7	10·8	117
Edinburgh (Midlothian) . . . . .	515,400	17·8	10·3	16·5	1·7	7·5	134
Elgin . . . . .	40,500	20·1	8·2	14·1	0·4	11·2	54
Fife . . . . .	274,100	19·4	5·6	14·6	1·4	4·4	121
Forfar . . . . .	274,600	18·4	9·2	18·6	1·6	7·8	173
Haddington . . . . .	42,800	20·2	5·9	16·1	0·9	5·5	142
Inverness . . . . .	81,400	16·0	6·4	16·8	0·2	9·1	58
Kincardine . . . . .	39,300	20·9	4·9	17·0	3·1	12·1	116
Kinross . . . . .	7,300	12·4	7·6	12·4	1·1	13·0	43
Kirkcudbright . . . . .	35,900	18·9	5·9	15·4	0·2	7·0	58
Lanark . . . . .	1,557,900	24·7	8·6	18·1	1·8	5·1	147
Linlithgow . . . . .	81,000	24·7	4·8	12·2	1·3	4·6	113
Nairn . . . . .	8,800	13·0	4·9	14·4	0·4	3·4	103
Orkney . . . . .	23,600	18·0	8·2	15·6	0·3	7·5	37
Peebles . . . . .	14,500	14·2	3·3	16·7	0·5	7·7	58
Perth . . . . .	118,900	17·9	7·5	17·0	0·6	7·9	80
Renfrew . . . . .	286,900	22·7	6·3	18·4	2·1	4·6	136
Ross and Cromarty . . . . .	71,900	14·2	5·1	16·3	0·5	7·4	101
Roxburgh . . . . .	44,000	16·1	6·5	16·1	1·8	11·2	145
Selkirk . . . . .	23,800	10·7	4·3	16·0	1·8	3·1	156
Shetland . . . . .	26,300	14·6	5·7	14·0	0·5	7·2	41
Stirling . . . . .	160,700	22·1	5·1	14·7	1·3	5·0	125
Sutherland . . . . .	18,600	16·2	4·5	16·2	0·6	6·6	92
Wigtown . . . . .	30,000	18·3	7·7	15·3	0·4	15·2	87



TABLE B.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHs IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 30,000 DURING THE QUARTER ENDING 31ST DECEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Glasgow . . . . .	1,078,400	23·9	10·1	18·6	1·4	5·2	148
Edinburgh . . . . .	328,700	15·6	12·7	16·9	1·7	9·6	151
Dundee . . . . .	177,300	18·8	10·7	19·3	2·0	8·3	212
Aberdeen . . . . .	164,800	21·2	13·3	16·8	2·4	11·0	169
Paisley . . . . .	87,700	19·9	6·0	18·6	1·7	4·3	122
Leith . . . . .	80,500	23·2	8·2	15·7	0·8	4·7	94
Greenock . . . . .	78,100	26·4	8·8	23·3	4·6	5·0	183
Coatbridge . . . . .	44,100	21·3	4·3	18·8	2·5	5·5	190
Motherwell . . . . .	41,600	29·2	4·8	14·3	1·6	2·9	111
Kirkcaldy . . . . .	40,800	18·8	5·9	15·6	1·8	4·1	113
Hamilton . . . . .	38,600	25·6	5·4	20·6	5·4	4·4	193
Clydebank . . . . .	44,600	25·2	5·8	14·0	1·2	2·5	138
Perth . . . . .	35,500	15·2	11·6	16·9	0·9	8·1	140
Kilmarnock . . . . .	36,900	22·7	9·5	14·4	0·9	6·2	104
Falkirk . . . . .	34,300	20·5	5·3	15·3	1·7	5·6	130
Ayr . . . . .	33,600	20·1	7·7	16·5	2·4	6·5	194

TABLE C.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL BURGHs IN SCOTLAND HAVING CENSAL POPULATIONS OF BETWEEN 10,000 AND 30,000 DURING THE QUARTER ENDING 31ST DECEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegitimate Births.—Percentage of Total Births.	Infantile Mortality.
		Births.	Marriages.	Deaths.	Deaths from Principal Epidemic Diseases.		
Airdrie . . . . .	23,900	27·0	5·8	14·9	0·3	5·5	92
Alloa . . . . .	11,400	20·9	4·9	16·0	0·3	10·0	150
Arbroath . . . . .	18,800	19·4	7·2	16·9	0·4	5·4	120
Barrhead . . . . .	11,400	23·3	7·7	18·8	0·3	6·0	209
Borrowstounness . . . . .	10,900	28·4	4·7	11·3	0·7	5·1	64
Buckhaven, Methil, and Innerleven . . . . .	17,000	19·9	4·2	14·5	3·3	4·7	188
Cowdenbeath . . . . .	15,600	21·7	4·6	12·0	0·8	1·2	106
Dumbarton . . . . .	21,600	24·4	4·6	17·1	1·7	3·8	165
Dumfries . . . . .	15,300	21·5	11·6	22·7	0·8	9·6	229
Dunfermline . . . . .	28,900	22·5	9·1	16·9	1·0	6·1	104
Forfar . . . . .	10,000	13·4	11·5	18·6	1·6	2·9	88
Fraserburgh . . . . .	10,600	17·2	5·6	10·1	0·4	8·7	65
Galashiels . . . . .	14,100	10·7	4·2	14·6	1·7	2·6	158
Grangemouth . . . . .	10,200	14·8	2·7	12·9	2·0	2·6	87
Hawick . . . . .	15,800	17·6	10·3	20·3	3·8	10·0	243
Inverness . . . . .	20,700	17·3	16·3	24·0	0·8	15·6	111
Irvine . . . . .	9,900	27·4	4·4	20·5	1·2	2·9	221
Johnstone . . . . .	11,800	28·3	5·7	21·6	2·7	7·1	155
Kirkintilloch . . . . .	11,900	28·1	5·0	15·0	0·0	3·6	119
Montrose . . . . .	9,800	12·6	5·7	21·1	0·8	3·2	129
Musselburgh . . . . .	16,700	22·3	5·9	12·6	2·4	3·2	138
Peterhead . . . . .	13,600	22·2	11·1	12·8	2·9	10·5	132
Port-Glasgow . . . . .	17,200	31·2	6·9	14·6	2·1	4·4	89
Renfrew . . . . .	13,200	24·9	4·5	11·7	1·2	2·4	96
Rutherglen . . . . .	25,300	23·8	6·6	16·9	1·1	2·6	132
Stirling . . . . .	21,200	22·8	10·5	15·2	1·1	7·4	57
Wishaw . . . . .	25,700	28·9	5·3	17·8	3·2	4·3	150

TABLE D.—BIRTH-, DEATH-, AND MARRIAGE-RATES OF ALL COUNTY PUBLIC HEALTH DISTRICTS IN SCOTLAND HAVING CENSAL POPULATIONS OF OVER 10,000 DURING THE QUARTER ENDING 31ST DECEMBER 1915.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1915.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per- centage of Total Births.	Infantile Mor- tality.
		Births	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
ABERDEEN COUNTY.							
Aberdeen . . . . .	22,100	18·3	4·5	14·5	1·1	13·7	88
Deer . . . . .	26,300	21·7	5·1	13·0	0·3	13·2	83
Deeside . . . . .	11,400	15·7	4·9	12·9	0·3	13·3	44
Ellon . . . . .	12,800	23·6	6·8	10·9	1·2	21·1	53
Garioch . . . . .	12,900	22·1	4·3	12·0	0·9	16·7	97
Turriff . . . . .	10,400	22·2	5·4	16·1	1·1	20·7	69
ARGYLL COUNTY.							
Lorn . . . . .	9,500	13·4	5·0	15·5	1·3	6·3	63
AYR COUNTY.							
Ayr . . . . .	41,200	29·8	5·8	13·0	1·8	9·4	107
Carrick . . . . .	12,500	20·4	4·8	14·0	1·3	9·4	156
Kilmarnock . . . . .	22,500	23·3	6·9	15·5	1·2	8·3	129
Northern . . . . .	44,900	23·5	7·8	13·8	1·1	5·3	117
BANFF COUNTY.							
Banff . . . . .	17,600	22·3	5·2	11·9	0·2	13·1	30
Keith . . . . .	11,300	22·5	2·1	16·6	0·7	15·6	16
CAITHNESS COUNTY.							
Caithness . . . . .	17,600	16·7	2·5	18·7	0·0	10·8	41
CLACKMANNAN COUNTY.							
Clackmannan . . . . .	9,500	21·3	2·5	12·9	0·4	0·0	137
DUMBARTON COUNTY.							
Eastern . . . . .	22,700	21·0	4·2	13·5	1·1	4·2	108
Western . . . . .	27,000	19·1	5·6	16·4	0·7	3·8	123
DUMFRIES COUNTY.							
Annan . . . . .	9,800	16·6	6·9	16·6	0·8	17·1	122
Thornhill . . . . .	11,300	19·7	8·1	16·6	1·1	3·6	71
EDINBURGH (MIDLOTHIAN) COUNTY.							
Calder . . . . .	17,800	25·4	5·8	18·3	3·1	5·3	114
Lasswade . . . . .	24,300	19·6	3·1	12·9	1·0	5·0	142
Suburban . . . . .	24,400	14·5	2·4	18·5	2·9	4·5	112
ELGIN COUNTY.							
Elgin . . . . .	20,100	22·9	3·6	13·8	0·2	7·8	69
FIFE COUNTY.							
Cupar . . . . .	14,900	14·9	8·0	17·3	0·8	7·1	54
Dunfermline . . . . .	31,200	23·0	4·8	16·5	1·9	2·2	133
Kirkcaldy . . . . .	43,700	21·2	4·1	11·6	1·8	5·6	146
St Andrews . . . . .	14,800	14·8	7·0	12·4	0·5	5·5	55



TABLE D.—continued.

PUBLIC HEALTH DISTRICTS.	Estimated Population Middle of 1914.	Rates per 1000 of Estimated Population.				Illegiti- mate Births. — Per centage of Total Births.	Infantile Mor- tality.
		Births.	Mar- riages.	Deaths.	Deaths from Principal Epidemic Diseases.		
FORFAR COUNTY.							
Brechin . . . . .	11,900	20·3	4·7	12·7	0·3	3·3	33
Forfar . . . . .	10,300	20·4	5·0	18·1	0·8	9·4	113
HADDINGTON COUNTY.							
Western . . . . .	16,700	21·4	5·7	13·1	0·9	4·4	100
INVERNESS COUNTY.							
Skye . . . . .	12,100	23·0	1·6	17·1	0·0	4·3	29
LANARK COUNTY.							
Lower . . . . .	30,000	18·7	4·1	14·4	1·3	2·8	113
Middle . . . . .	201,400	28·8	5·1	16·9	3·2	5·7	149
Upper . . . . .	41,800	24·4	5·5	15·1	0·9	5·1	109
LINLITHGOW COUNTY.							
Bathgate . . . . .	32,600	26·5	3·4	9·0	1·0	5·0	73
Linlithgow . . . . .	15,300	19·9	6·2	14·8	1·6	2·6	143
PERTH COUNTY.							
Central . . . . .	9,600	21·5	7·0	17·0	0·4	3·8	38
Highland . . . . .	12,000	18·5	2·6	12·9	0·0	8·9	71
Perth . . . . .	19,800	17·6	7·0	17·2	0·8	11·4	57
Western . . . . .	9,600	19·5	5·0	14·1	0·4	0·0	21
RENFREW COUNTY.							
Upper . . . . .	36,400	18·1	3·9	13·4	0·4	1·8	72
Lower . . . . .	23,200	15·9	3·4	12·5	0·2	8·6	140
ROSS AND CROMARTY COUNTY.							
Easter-Ross . . . . .	9,500	20·9	5·8	23·0	0·4	2·0	160
Lews . . . . .	24,700	10·3	2·7	10·6	0·3	4·7	47
Mid-Ross . . . . .	10,800	16·1	2·6	16·5	0·4	11·4	68
SHETLAND COUNTY.							
Mainland . . . . .	17,300	12·6	2·5	14·9	0·5	7·3	36
STIRLING COUNTY.							
Central . . . . .	27,600	25·7	3·3	14·1	1·0	6·1	145
Eastern . . . . .	40,400	24·6	5·1	14·0	1·7	3·6	139
Western . . . . .	11,300	16·9	2·5	16·6	0·4	4·2	63
SUTHERLAND COUNTY.							
Sutherland . . . . .	17,800	15·6	4·7	16·2	0·7	5·7	100
WIGTOWN COUNTY.							
Rhins . . . . .	11,200	20·2	5·0	13·8	0·0	17·5	53

TABLE E.—CAUSES OF DEATH IN SCOTLAND AT DIFFERENT PERIODS OF LIFE  
DURING THE QUARTER ENDING 31ST DECEMBER 1915.

		All Ages.	Age.											Age not stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
I. GENERAL DISEASES.														
1	Enteric Fever . . . . .	41	...	2	3	5	10	10	7	3	...	1	...	...
2	Typhus Fever . . . . .	1	...	...	...	1	...	...	...	...	...	...	...	...
4	Malaria . . . . .	2	...	...	...	...	...	1	1	...	...	...	...	...
5	(a) Smallpox { Vaccinated . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
	(b) { Unvaccinated . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
	(c) { Vaccination Doubtful . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Measles . . . . .	503	125	338	31	1	2	5	1	...	...	...	...	...
7	Scarlet Fever . . . . .	316	17	159	94	24	14	4	3	1	...	...	...	...
8	Whooping-cough . . . . .	117	49	66	1	...	...	...	...	...	1	...	...	...
9	(a) Diphtheria . . . . .	261	21	170	55	9	3	...	...	2	1	...	...	...
	(c) Croup, Membr. Laryngitis (b) . . . . .	9	...	5	4	...	...	...	...	...	...	...	...	...
10	Influenza . . . . .	75	3	1	1	1	...	2	5	7	10	20	25	...
13	Cholera Nostras . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Dysentery . . . . .	4	...	...	...	...	...	...	2	...	1	1	...	...
18	Erysipelas . . . . .	48	10	1	2	...	1	3	4	3	9	9	6	...
19	Oth. Epid. Dis. (3, 11, 12, 15, 16, 17, 25, 26, 27)	13	2	5	1	...	...	...	2	2	1	...	...	...
20	(a) Pyæmia, Septicæmia (not Puer- peral) (b) . . . . .	34	8	1	3	...	1	3	3	5	6	2	2	...
	(c) Vaccinia . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Glanders . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Anthrax . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Rabies, Hydrophobia . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tetanus . . . . .	4	1	...	...	...	...	1	...	...	...	1	1	...
28	Pulmonary Tuberculosis, Phthisis . . . . .	1219	7	26	24	37	243	316	259	175	95	29	8	...
29	(a) Acute Phthisis . . . . .	27	...	...	2	2	8	7	5	3	...	...	...	...
	(b) Acute Miliary Tuberculosis . . . . .	14	1	2	2	...	2	3	2	1	1	...	...	...
30	Tuberculous Meningitis . . . . .	227	51	99	36	17	15	5	2	1	1	...	...	...
31	Abdominal Tuberculosis . . . . .	154	28	53	20	9	17	10	6	9	2	...	...	...
32	Tuberculosis of Spine . . . . .	35	...	4	7	4	6	5	3	4	...	1	1	...
33	Tuberculosis of Joints . . . . .	16	...	1	1	3	4	3	...	3	...	1	...	...
35	Tuberculosis of other Organs, Dis- seminated Tuberculosis (34)	132	18	24	6	14	25	16	15	5	5	3	1	...
36	Rickets, Osteomalacia . . . . .	12	3	8	...	...	1	...	...	...	...	...	...	...
37	Syphilis . . . . .	36	29	3	...	...	...	...	1	...	...	...	...	...
38	Other Venereal Diseases . . . . .	1	...	...	...	...	...	...	...	...	...	...	...	...
45	(a) Carcinoma . . . . .	751	...	...	...	...	2	10	62	159	223	189	101	...
	(b) Sarcoma . . . . .	59	1	2	...	1	5	9	8	14	7	7	5	...
	(c) Malignant Disease, } 39-44 other or not defined	502	...	...	...	1	1	9	26	77	154	131	103	...
46	Other Tumours (Situation un- defined)	8	...	...	...	...	1	1	1	1	2	1	1	...
47	Rheumatic Fever . . . . .	72	...	4	6	7	15	8	6	8	10	4	4	...
48	(a) Chronic Rheumatism . . . . .	21	...	...	...	...	...	...	2	...	8	1	10	...
	(b) Osteo-arthritis . . . . .	30	...	...	2	...	...	...	5	5	5	8	5	...
	(c) Gout . . . . .	1	...	...	...	...	...	...	...	...	...	1	...	...
49	Scurvy . . . . .	1	...	...	...	...	1	...	...	...	...	...	...	...
50	Diabetes . . . . .	147	...	...	3	2	13	8	8	25	29	44	15	...
51	Exophthalmic Goitre . . . . .	15	...	...	...	...	2	2	6	4	1	...	...	...
52	Addison's Disease . . . . .	9	...	...	...	...	...	...	2	5	1	1	...	...
53	(a) Leucocythæmia . . . . .	16	...	3	...	1	2	2	2	1	5	...	...	...
	(b) Lymphadenoma . . . . .	10	...	...	2	...	1	1	1	...	3	2	...	...
54	Anæmia, Chlorosis . . . . .	138	1	2	...	...	4	9	14	23	39	35	6	...
55	(b) Purpura . . . . .	18	5	3	1	1	2	...	...	1	...	3	2	...
	(c) Hæmophilia . . . . .	3	...	...	...	3	...	...	...	...	...	...	...	...
	(d) Other General Diseases (a) . . . . .	8	1	...	...	...	1	...	3	...	1	1	1	...
56	Alcoholism . . . . .	46	...	...	...	...	1	7	14	9	7	7	1	...
57	Chronic Lead Poisoning . . . . .	4	...	...	...	...	...	...	...	3	1	...	...	...
58	Other Chronic Occupational Poisonings	...	...	...	...	...	...	...	...	...	...	...	...	...
59	Other Chronic Poisonings . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...



TABLE E.—continued.

		All Ages.	Age.											Age not Stated.
			-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.	
II. DISEASES OF NERVOUS SYSTEM.														
60	Encephalitis . . . . .	15	...	4	2	...	1	1	4	1	2	...	...	...
61	(a) Cerebro-spinal Meningitis . .	54	9	8	6	6	15	6	1	1	...	2	...	...
	(c) Meningitis, Basal, Nature un- specified (b)	210	81	69	15	8	12	9	5	8	2	...	1	...
62	Locomotor Ataxy . . . . .	23	...	...	...	...	...	1	4	7	7	3	1	...
63	Other Diseases of Spinal Cord . .	102	...	2	2	3	2	7	8	15	23	26	14	...
64	Cerebral Hæmorrhage, Apoplexy .	1258	3	1	...	1	5	12	49	150	271	399	367	...
65	Softening of Brain . . . . .	84	...	...	...	1	1	1	3	2	7	31	38	...
66	(a) Hemiplegia . . . . .	133	...	...	...	...	2	2	4	8	20	55	42	...
	(c) Paralysis, Cause or Nature un- specified (b)	37	...	...	...	...	1	1	2	7	8	11	7	...
67	General Paralysis of Insane . . .	67	...	...	...	1	1	12	21	20	7	4	1	...
68	Other Insanity . . . . .	38	...	...	...	...	...	2	7	3	9	11	6	...
69	Epilepsy . . . . .	69	3	4	3	8	12	15	10	6	4	2	2	...
71	Convulsions (not Puerperal) (70) .	201	133	62	4	...	...	...	...	...	1	1	...	...
72	Chorea . . . . .	4	...	...	...	...	2	...	1	...	1	...	...	...
73	Neuralgia, Neuritis . . . . .	16	...	...	...	...	...	1	...	5	4	2	4	...
74	(c) Cerebral Tumour . . . . .	42	...	...	...	1	6	6	11	6	6	5	1	...
	(d) Other Diseases of Nervous System (a, b)	41	4	1	2	2	1	1	3	5	6	7	9	...
75	Diseases of Eye and Annexa . . .	1	1	...	...	...	...	...	...	...	...	...	...	...
76	(a) Mastoid Diseases . . . . .	12	1	1	1	1	4	1	1	1	1	...	...	...
	(b) Diseases of Ear . . . . .	34	8	5	3	1	4	4	4	3	1	1	...	...
III. DISEASES OF CIRCUL- ATORY SYSTEM.														
77	Pericarditis . . . . .	10	...	...	...	1	1	1	2	2	...	1	2	...
78	Acute Endocarditis . . . . .	49	...	1	3	6	12	7	7	6	5	2	...	...
79	(a) Valvular Disease . . . . .	828	5	...	3	13	28	36	56	107	172	219	189	...
	(b) Fatty Degeneration of Heart . .	70	...	...	...	...	1	...	4	10	20	25	10	...
	(c) Other Organic Diseases of Heart	916	7	1	7	5	15	23	42	99	172	282	263	...
80	Angina Pectoris . . . . .	81	...	...	...	...	1	1	2	10	17	31	19	...
81	(a) Aneurysm . . . . .	29	...	...	...	...	...	1	5	10	2	7	4	...
	(b) Arterio-sclerosis . . . . .	107	...	...	...	...	...	...	1	4	16	38	48	...
	(c) Other Diseases of Arteries . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
82	(a) Cerebral Embolism, Thrombosis	138	...	...	...	1	1	3	4	13	16	51	49	...
	(b) Embolism and Thrombosis, not Cerebral	20	1	1	...	...	...	...	3	2	7	5	1	...
83	Diseases of Veins . . . . .	16	...	...	...	...	...	4	2	2	4	1	3	...
84	(a) Lymphatism, Status Lympha- ticus . . . . .	4	1	1	1	1	...	...	...	...	...	...	...	...
	(b) Other Dis. of Lymphatic System	1	...	1	...	...	...	...	...	...	...	...	...	...
85	Hæmorrhage, Other Diseases of Circulatory System	9	...	1	...	...	1	...	2	1	2	1	1	...
IV. DISEASES OF RESPIR- ATORY SYSTEM.														
86	Diseases of Nose . . . . .	5	2	1	1	...	...	...	...	1	...	...	...	...
87	(b) Laryngitis . . . . .	40	10	20	4	1	...	1	1	...	2	...	1	...
	(c) Other Diseases of Larynx (a) . .	21	6	7	3	...	...	1	1	1	2	...	...	...
88	Diseases of Thyroid . . . . .	7	1	...	...	...	...	...	...	...	4	2	...	...
90	Bronchitis (89) . . . . .	1913	342	121	6	4	13	22	63	158	329	426	429	...
91	Broncho-pneumonia . . . . .	852	338	289	24	1	5	11	11	25	41	53	54	...
92	Pneumonia . . . . .	1029	160	122	17	18	55	75	103	113	136	128	102	...
93	Pleurisy . . . . .	100	3	8	3	1	5	11	14	15	16	14	10	...
94	(a) Pulmonary Apoplexy . . . . .	6	...	...	...	...	...	1	1	...	2	1	1	...
	(b) Pulmonary Congestion (c, d) . .	129	34	21	3	...	...	3	2	2	8	18	38	...
95	Gangrene of Lung . . . . .	3	...	...	...	1	...	...	1	...	1	...	...	...
96	Asthma . . . . .	25	...	1	...	...	...	3	2	2	11	5	1	...
97	Pulmonary Emphysema . . . . .	7	...	...	...	...	...	...	...	1	6	...	...	...
98	(a) Fibroid Diseases of Lung . . .	14	...	...	...	1	1	...	...	4	4	4	...	...
	(b) Other Diseases of Respiratory System	6	...	1	...	...	...	2	1	...	1	1	...	...

TABLE E.—continued.

	All Ages.	Age.												Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.		
<b>V. DIS. OF DIGESTIVE SYSTEM.</b>														
99 Dis. of Mouth, Teeth. Oral Sepsis	8	4	...	...	...	1	1	...	2	...	...	...	...	...
101 Diseases of Pharynx, Œsophagus, Tonsillitis (100)	28	5	5	6	...	5	3	1	1	2	...	...	...	...
102 Gastric Ulcer	90	...	...	...	...	8	10	14	19	21	10	8	...	...
103 Other Dis. of Stomach. Gastritis	171	62	18	3	2	4	7	9	10	16	23	17	...	...
104 Diarrhœa, Enteritis (under 2 years)	537	436	101	...	...	...	...	...	...	...	...	...	...	...
105 Diarrhœa, Enteritis (over 2 years)	174	...	33	21	5	5	2	9	14	16	35	34	...	...
107 Intestinal Parasites (106)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
108 Appendicitis, Typhlitis	111	...	4	13	28	22	17	5	4	8	7	3	...	...
109 (a) Hernia	66	6	1	...	...	...	...	3	6	23	17	10	...	...
(b) Intestinal Obstruction	82	14	4	3	...	3	2	4	4	11	19	18	...	...
110 Other Diseases of Intestine	45	4	1	...	1	2	5	6	7	9	9	1	...	...
111 Acute Yellow Atrophy of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...
112 Hydatids of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...
113 Cirrhosis of Liver	51	...	...	...	...	1	1	13	6	19	6	5	...	...
114 Gallstones	21	...	...	...	...	...	1	3	3	4	5	5	...	...
115 Other Diseases of Liver	40	2	1	...	...	2	1	3	5	12	10	4	...	...
116 Diseases of Spleen	1	...	...	...	...	...	...	...	...	1	...	...	...	...
117 Peritonitis, cause not specified	47	4	2	4	4	2	8	7	7	2	5	2	...	...
118 Other Diseases of Digestive System	11	...	...	...	1	3	3	2	1	1	...	...	...	...
<b>VI. DISEASES OF GENITO- URINARY SYSTEM.</b>														
119 Acute Nephritis	107	4	13	11	6	4	12	14	11	14	12	6	...	...
120 (a) Bright's Disease	454	2	...	2	8	17	24	43	78	118	109	53	...	...
(b) Uræmia	20	...	...	...	1	...	2	2	3	2	4	6	...	...
122 Other Dis. of Kidney, Chyluria (121)	32	1	...	...	...	1	2	4	3	9	6	6	...	...
123 Urinary Calculus	8	...	...	...	...	...	...	1	1	3	1	2	...	...
124 Diseases of Bladder	68	1	...	...	...	1	2	1	6	9	19	29	...	...
125 Dis. of Urethra, Urinary Abscess	8	...	...	...	...	...	...	2	4	2	...	...	...	...
126 Diseases of Prostate	42	...	...	...	...	...	1	...	...	4	13	24	...	...
127 Diseases of Male Genital Organs (not Venereal)	4	1	...	...	...	...	...	...	2	...	1	...	...	...
128 Menorrhagia, Uterine Hæmorrhage (not Puerperal)	7	...	...	...	...	...	3	4	...	...	...	...	...	...
129 Uterine Tumour (non-Cancerous)	11	...	...	...	...	...	...	4	4	2	1	...	...	...
130 Other Diseases of Uterus	13	...	...	...	...	1	5	1	2	2	1	1	...	...
131 Cysts, and Other Tumours of Ovary	6	...	...	...	...	...	...	1	...	1	3	1	...	...
132 Other Dis. of Female Genit. Organs	10	1	...	...	...	2	4	2	...	1	...	...	...	...
133 Non-Puerperal Diseases of Breast	1	...	...	...	...	...	1	...	...	...	...	...	...	...
<b>VII. DISEASES OF PREGNANCY AND CHILDBIRTH.</b>														
134 (a) Abortion, Miscarriage	10	...	...	...	...	1	5	4	...	...	...	...	...	...
(c) Uncontrollable Vomiting	8	...	...	...	...	1	3	4	...	...	...	...	...	...
(d) Ectopic Gestation	1	...	...	...	...	...	...	1	...	...	...	...	...	...
(e) Other Diseases and Accidents of Pregnancy (b)	4	...	...	...	...	...	1	3	...	...	...	...	...	...
135 Puerperal Hæmorrhage	31	...	...	...	...	5	13	12	1	...	...	...	...	...
136 Other Accidents of Childbirth	12	...	...	...	...	2	4	6	...	...	...	...	...	...
137 Puerperal Sepsis	58	...	...	...	...	19	23	16	...	...	...	...	...	...
138 Puerp. Albuminuria, Convulsions	22	...	...	...	...	6	9	6	1	...	...	...	...	...
139 Puerperal Phlegmasia Alba Dolens, Phlebitis, Embolism	11	...	...	...	...	2	3	6	...	...	...	...	...	...
140 (a) Puerperal Insanity	1	...	...	...	...	...	...	1	...	...	...	...	...	...
(b) Other Puerperal Diseases	20	...	...	...	...	3	11	6	...	...	...	...	...	...
141 Puerperal Diseases of Breast	1	...	...	...	...	...	...	1	...	...	...	...	...	...
<b>VIII. DISEASES OF SKIN AND CELLULAR TISSUE.</b>														
142 (a) Senile Gangrene	56	...	...	...	...	...	...	...	...	3	24	29	...	...
(b) Noma, Cancrum Oris	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(d) Other Gangrene (c)	13	...	...	...	...	...	1	...	2	9	1	...	...	...
143 Carbuncle, Boil	4	1	...	...	...	1	...	...	2	...	...	...	...	...
144 Phlegmon, Acute Abscess	41	10	2	...	1	...	1	6	5	4	10	2	...	...
145 Ulcer, Other Diseases of Skin and Cellular Tissue	19	5	1	...	...	...	...	...	...	...	4	9	...	...



TABLE E.—continued.

	All Ages.	Age.												Age not stated.
		-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75 and over.		
IX. DISEASES OF ORGANS OF LOCOMOTION.														
146 Dis. of Bones (Mastoid excluded)	18	...	1	2	7	4	2	...	...	1	1	...	...	
147 Diseases of Joints	3	...	1	...	...	...	...	...	...	...	2	...	...	
149 Other Dis. of Locomotor Syst. (148)	...	...	...	...	...	...	...	...	...	...	...	...	...	
X. MALFORMATIONS.														
150 Congenital Malformations	125	103	13	2	2	3	2	...	...	...	...	...	...	
XI. DISEASES OF EARLY INFANCY.														
151 (a) Premature Birth	537	537	...	...	...	...	...	...	...	...	...	...	...	
(b) Congenital Debility, Icterus, Sclerema (c, d, e)	468	468	...	...	...	...	...	...	...	...	...	...	...	
152 Other Diseases peculiar to Early Infancy	72	72	...	...	...	...	...	...	...	...	...	...	...	
153 Lack of Care	...	...	...	...	...	...	...	...	...	...	...	...	...	
XII. OLD AGE.														
154 (a) Senile Dementia	22	...	...	...	...	...	...	...	...	2	7	13	...	
(b) Senile Decay	1013	...	...	...	...	...	...	...	...	...	175	838	...	
XIII. VIOLENT CAUSES.														
163 Suicide (155-162)	47	...	...	...	1	8	6	13	10	5	2	2	...	
164 Poisoning by Food	6	1	1	2	...	...	...	...	1	1	...	...	...	
165 Other Accidental Poisonings	9	...	...	...	...	...	2	3	3	1	...	...	...	
167 Burns and Scalds (166)	134	8	64	11	5	7	4	4	6	6	11	8	...	
168 Exposure to Poisonous Vapours	6	...	...	...	...	...	2	1	1	2	...	...	...	
169 Drowning	110	...	2	2	4	15	21	21	17	14	7	...	7	
170 Accidents with Fire Arms	10	...	...	...	1	1	2	4	...	1	1	...	...	
171 Accidents with Instruments and Weapons	...	...	...	...	...	...	...	...	...	...	...	...	...	
172 Accidental Falls	80	1	1	4	...	3	8	12	20	10	7	14	...	
173 (a) Accidents in Coal Mines	32	...	...	...	1	9	8	7	5	2	...	...	...	
(b) Accidents in Other Mines	2	...	...	...	...	...	1	1	...	...	...	...	...	
(c) Accidents in Quarries	...	...	...	...	...	...	...	...	...	...	...	...	...	
174 Accidents with Machinery	10	...	...	...	1	4	2	...	1	1	1	...	...	
175 (a) Accidents on Railways	93	...	...	...	1	42	23	12	6	1	7	1	...	
(b) Acc. with Horses and Vehicles	14	...	...	...	...	3	1	4	2	2	1	1	...	
(c) Accidents with Motor Vehicles	27	...	2	8	3	2	1	1	4	5	1	...	...	
(d) Accidents with Tramways	16	...	2	...	...	...	2	1	4	2	3	2	...	
(e) Other crushing Accidents	9	...	...	...	2	1	2	1	1	1	1	...	...	
177 Hunger	1	...	...	...	...	...	...	...	...	...	...	1	...	
180 Weather Agencies (178, 179)	16	1	...	...	...	1	1	3	3	6	1	...	...	
186 (a) Overlaying	19	19	...	...	...	...	...	...	...	...	...	...	...	
(b) Suffocation (otherwise)	24	15	1	1	1	2	1	...	2	...	1	...	...	
(c) Other Accidents (176, 181, 185)	170	1	3	4	11	16	15	21	15	28	24	32	...	
184 Homicide (182, 183)	3	1	...	...	...	1	...	...	1	...	...	...	...	
190 Execution	...	...	...	...	...	...	...	...	...	...	...	...	...	
191 War Casualties (not Sickness)	26	...	...	...	...	13	12	1	...	...	...	...	...	
XIV. ILL-DEFINED CAUSES.														
187 Dropsy	6	1	...	...	...	...	...	1	1	1	1	1	...	
188 (a) Syncope	65	1	1	1	...	2	2	3	6	10	19	20	...	
(b) Sudden Death (not otherwise defined)	6	1	...	...	1	1	1	...	1	...	1	...	...	
189 (a) Heart Failure	274	4	1	...	1	2	4	12	35	62	77	76	...	
(c) Teething	1	...	1	...	...	...	...	...	...	...	...	...	...	
(e) Other Ill-defined Diseases (b, d)	37	...	11	...	2	1	...	3	1	16	2	1	...	
(f) Dis. not Specified, Nat. Causes	172	44	11	3	1	7	5	5	14	19	31	31	1	
All Causes	20,305	3375	2038	523	332	883	1069	1313	1774	2539	3117	3332	10	

TABLE F.—ANALYSIS OF MORTALITY IN EACH COUNTY AND PUBLIC HEALTH DISTRICT IN SCOTLAND DURING THE  
QUARTER ENDING 31ST DECEMBER 1915.

County and Public Health District.	Deaths.				Deaths of		Deaths from											
	Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Tuber- culosis.		All Respiratory Diseases (except Phthisis).	Violence.
							Pulmonary.	Other.										
	25,590	1689	9385	20,305	3375	6449	41	1	...	503	316	117	270	537	1246	578	4157	864
	1580	207	782	1175	208	404	1	...	...	12	55	10	16	38	63	27	169	48
	881	97	554	725	149	200	...	...	...	2	45	7	15	31	45	16	111	38
	7	...	3	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...
	4	1	13	8	...	3	...	...	...	1	...	...	...	...	...	...	...	...
	46	4	15	27	3	7	...	...	...	1	...	...	...	...	...	...	...	...
	22	3	10	12	4	4	...	...	...	1	...	...	...	...	...	...	...	...
	23	3	10	13	2	5	...	...	...	...	...	...	...	...	...	...	...	...
	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	1	5	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
76	8	38	42	10	7	...	...	...	1	6	...	...	...	...	...	...	...	
7	2	4	5	1	4	...	...	...	...	...	...	...	...	...	...	...	...	
10	3	7	9	3	4	...	...	...	...	...	...	...	...	...	...	...	...	
County Districts.																		
Aberdeen	102	14	25	93	9	37	...	...	...	...	6	...	...	...	4	2	14	1
Alford	39	6	11	26	4	16	...	...	...	3	...	...	1	...	2	...	4	1
Deer	144	19	34	81	12	38	...	...	...	...	...	...	...	...	6	...	10	3



[illegible]

\* Including the portion within the County of Kincardine.





[illegible]





County Districts.														
Eastern . . . . .	120	5	24	109	43	11	77	13	22	1	...	...	...	...
Western . . . . .	130	5	38	97	2	17	112	16	40	...	...	...	...	...
Dumfries County . . . . .	333	36	133	377	93	26	310	39	132	...	...	...	...	...
Burghal Districts.														
Annan . . . . .	17	1	5	12	...	2	14	2	10	...	...	...	...	...
Dumfries . . . . .	83	8	45	104	18	2	88	19	29	...	...	...	...	...
Langholm . . . . .	14	...	2	13	...	...	13	1	9	...	...	...	...	...
Lochmaben . . . . .	10	2	1	6	...	1	7	...	3	...	...	...	...	...
Lockerbie . . . . .	14	1	1	8	...	...	8	2	2	...	...	...	...	...
Moffat . . . . .	7	...	3	5	1	2	6	...	5	...	...	...	...	...
Sanquhar . . . . .	7	...	2	3	...	...	3	...	2	...	...	...	...	...
County Districts.														
Annan . . . . .	41	7	17	87	53	7	41	5	18	...	...	...	...	...
Dumfries . . . . .	30	6	13	54	17	3	40	1	13	...	...	...	...	...
Langholm . . . . .	12	3	6	11	1	2	12	1	3	...	...	...	...	...
Lockerbie . . . . .	42	6	15	31	2	2	31	4	17	...	...	...	...	...
Thornhill . . . . .	56	2	23	43	1	5	47	4	21	...	...	...	...	...
Edinburgh (Midlothian) County	2308	173	1338	2230	314	227	2143	310	718	...	...	...	...	...
Burghal Districts.														
Bonnyrigg . . . . .	13	...	1	10	...	2	12	1	7	...	...	...	...	...
Dalkeith . . . . .	40	2	6	24	2	5	27	7	9	...	...	...	...	...
Edinburgh . . . . .	1291	124	1055	1469	193	124	1400	195	480	...	...	...	...	...
Lasswade . . . . .	3	1	2	1	...	...	1	...	...	...	...	...	...	...
Leith . . . . .	470	22	166	300	6	25	319	44	88	...	...	...	...	...
Loanhead . . . . .	24	2	6	15	2	2	15	1	7	...	...	...	...	...
Musselburgh . . . . .	94	3	25	52	4	5	53	13	17	...	...	...	...	...
Penicuik . . . . .	11	...	3	12	...	1	13	3	4	...	...	...	...	...
County Districts.														
Calder . . . . .	114	6	26	70	1	13	82	13	22	...	...	...	...	...
Gala-Water . . . . .	39	3	14	25	...	3	28	6	14	...	...	...	...	...
Lasswade . . . . .	120	6	19	78	16	17	79	17	24	...	...	...	...	...
Suburban . . . . .	89	4	15	174	90	30	114	10	46	...	...	...	...	...





Dunfermline .	164	10	66	141	22	4	123	17	39	1	...	...	...	...	1	...	2	3	6	2	27	4	4
Dysart .	29	1	5	12	...	3	15	3	6	...	...	...	...	...	...	...	...	...	1	1	...	...	...
Earlsferry .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elie, Liberty, and Williamsburgh.	2	...	...	2	...	1	3	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Falkland .	4	...	1	2	...	1	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Inverkeithing .	21	...	5	14	1	4	17	3	6	...	...	...	...	...	...	...	...	...	3	2	2	...	1
Kilrenny .	3	...	2	4	...	...	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kinghorn .	7	...	1	6	2	...	6	2	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Kirkcaldy .	194	8	61	147	3	17	161	22	56	1	...	...	...	...	1	...	15	1	3	7	34	...	7
Ladybank and Monkston	4	...	1	6	1	2	7	2	1	...	...	...	...	...	...	...	1	...	...	...	3	...	1
Leslie .	11	...	7	7	...	...	7	...	2	...	...	...	...	...	...	...	...	...	...	1	1	...	...
Leven .	25	1	10	17	...	3	20	3	4	...	...	...	...	...	...	...	...	...	3	...	6	...	...
Lochgelly .	63	1	8	28	...	3	31	7	8	...	...	...	...	...	...	...	1	1	2	...	11	...	1
Markinch .	6	1	4	4	...	1	5	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newburgh .	9	...	2	6	...	1	7	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newport .	7	...	2	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Pittenweem .	9	1	2	6	...	1	7	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St Andrews .	20	...	15	29	1	5	33	2	12	...	...	...	...	...	...	1	...	...	2	...	7	...	1
Tayport .	8	...	5	15	...	2	17	...	11	...	...	...	...	...	...	...	...	...	1	2	3	...	1
<i>County Districts.</i>																							
Cupar .	56	4	30	70	15	10	65	3	26	...	...	...	...	...	...	2	1	...	3	...	5	...	5
Dunfermline .	181	4	38	118	1	13	130	24	31	...	...	...	...	...	...	5	2	...	7	...	28	...	6
Kirkcaldy .	233	13	45	130	19	17	128	34	29	...	...	...	...	...	...	4	3	...	2	...	17	...	4
St Andrews .	55	3	26	44	1	3	46	3	26	...	...	...	...	...	...	...	1	1	3	...	7	...	...
<b>Forfar County</b>	<b>1276</b>	<b>99</b>	<b>635</b>	<b>1328</b>	<b>110</b>	<b>70</b>	<b>1288</b>	<b>221</b>	<b>453</b>	<b>6</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>15</b>	<b>9</b>	<b>22</b>	<b>54</b>	<b>85</b>	<b>42</b>	<b>229</b>	<b>55</b>	<b>...</b>
<i>Burghal Districts.</i>																							
Arbroath .	92	5	34	80	5	5	80	11	29	...	...	...	...	...	...	...	...	2	7	...	14	...	5
Brechin .	29	5	18	43	2	2	43	3	22	...	...	...	...	...	...	3	3	1	1	1	6	...	3
Carnoustie .	15	...	8	23	...	3	26	1	15	...	...	...	...	...	...	...	...	...	2	...	5	...	2
Dundee .	839	70	476	870	36	28	862	178	238	...	...	...	...	...	...	4	16	...	61	38	156	...	32
Forfar .	34	1	29	44	1	4	47	3	24	...	...	...	...	...	...	1	...	1	4	...	8	...	3





[illegible]

TABLE F.—continued.

County and Public Health District.	Deaths from										Deaths of		Deaths.				Marriages.	Illegitimate Births (corrected).	Births (corrected).					
	Violence.		All Respiratory Diseases (except Phthisis).		Tuber- culosis.	Other.	Diarrhœa (under 2 Years).	Diphtheria and Croup.	Whooping-cough.	Scarlet Fever.	Measles.	Smallpox.	Typhus Fever.	Enteric Fever.	Persons Aged 65 Years and Upwards.	Children under One Year of Age.	Net Number.	Transferred in.	Transferred out.	Registered.				
	Pulmonary.																							
	Persons Aged 65 Years and Upwards.		Children under One Year of Age.																					
	Net Number.		Transferred in.		Transferred out.		Registered.																	
	Marriages.		Illegitimate Births (corrected).		Births (corrected).																			
	Violence.		All Respiratory Diseases (except Phthisis).		Tuber- culosis.		Diarrhœa (under 2 Years).		Diphtheria and Croup.		Whooping-cough.		Scarlet Fever.				Measles.		Smallpox.		Typhus Fever.		Enteric Fever.	
	Pulmonary.		Persons Aged 65 Years and Upwards.		Children under One Year of Age.		Net Number.		Transferred in.		Transferred out.		Registered.				Marriages.		Illegitimate Births (corrected).		Births (corrected).			
	Persons Aged 65 Years and Upwards.		Children under One Year of Age.		Net Number.		Transferred in.		Transferred out.		Registered.		Marriages.				Illegitimate Births (corrected).		Births (corrected).					
	Net Number.		Transferred in.		Transferred out.		Registered.		Marriages.		Illegitimate Births (corrected).		Births (corrected).											
	Marriages.		Illegitimate Births (corrected).		Births (corrected).																			
	Illegitimate Births (corrected).		Births (corrected).																					

Kinross County	3	..	3	5	..	1	..	..	1	..	11	1	23	1	2	24	14	3	23
Burghal District.	..	..	..	30	2	1	4	..	6	1	..	..	3	..	..	10	8	2	11
Kinross . . . . .	1	..	1	3	..	..	..	..	1	..	11	1	20	1	2	21	9	1	12
County District.	..	..	..	11	..	4	..	2	..	..	10	10	139	15	5	129	53	12	171
Kinross . . . . .	1	..	1	..	..	..	..	..	..	..	8	1	9	..	1	8	1	..	21
Kirkcudbright County	..	..	..	..	..	..	..	..	..	..	8	..	14	2	..	12	5	..	8
Burghal Districts.	..	..	..	..	..	..	..	..	..	..	6	..	10	..	..	10	3	..	5
Castle-Douglas	..	..	..	..	..	..	..	..	..	..	3	..	6	1	1	7	4	..	6
Dalbeattie	..	..	..	..	..	..	..	..	..	..	10	..	25	6	..	20	5	2	34
Gatehouse	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	1
Kirkcudbright	..	..	..	..	..	..	..	..	..	..	34	..	..	..	..	..	..	..	..
Maxwelltown .	..	..	..	..	..	..	..	..	..	..	28	..	..	..	..	14	..	..	..
New Galloway	..	..	..	..	..	..	..	..	..	..	41	..	..	..	..	13	..	..	..
County Districts.	2	1	1	..	2	1	..	..	..	..	9	2	34	4	..	30	12	4	28
Eastern . . . . .	3	3	3	2	3	3	2	..	..	..	10	1	10	..	..	10	4	1	14
Northern . . . . .	1	1	1	..	..	..	..	..	..	..	19	2	19	2	2	19	10	2	41
Southern . . . . .	..	..	..	..	..	..	..	..	..	..	11	..	11	1	..	10	2	2	13
Western . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..



Lanark County	9,681	491	3379	7119	433	415	7101	1419	1692	17	...	...	250	118	30	73	211	478	201	1922	267
<i>Burghal Districts.</i>																					
Airdrie . . .	163	9	35	82	...	8	90	15	26	...	...	...	...	...	...	1	1	5	3	20	2
Biggar . . .	6	...	1	8	...	1	9	...	6	...	...	...	...	...	...	...	...	1	1	1	...
Coatbridge . . .	237	13	48	204	8	13	209	45	35	...	...	...	16	3	2	...	7	11	5	49	6
Glasgow . . .	6489	335	2756	5177	321	204	5060	962	1228	14	...	...	73	96	19	49	135	378	135	1471	180
Hamilton . . .	249	11	53	189	5	17	201	48	43	...	...	...	46	...	...	1	6	8	7	34	5
Lanark . . .	33	1	11	30	1	4	33	5	10	...	...	...	...	...	...	2	1	1	...	6	2
Motherwell . . .	306	9	50	143	1	8	150	34	31	...	...	...	9	2	...	...	6	4	7	43	8
Rutherglen . . .	152	4	42	78	1	31	108	20	30	...	...	...	3	...	...	2	2	12	2	19	4
Wishaw . . .	187	8	34	101	1	15	115	28	21	...	...	...	9	2	...	...	10	7	7	23	9
<i>County Districts.</i>																					
Lower . . .	141	4	31	131	42	20	109	16	34	1	...	...	3	2	1	1	2	6	2	20	4
Middle . . .	1461	84	260	831	48	75	858	218	166	2	...	...	89	12	8	14	37	39	31	196	39
Upper . . .	257	13	58	145	5	19	159	28	62	...	...	...	2	1	...	3	4	6	1	40	8
Linlithgow County	505	23	99	247	32	35	250	57	56	...	...	...	9	2	4	...	11	16	10	51	20
<i>Burghal Districts.</i>																					
Armadale . . .	30	3	6	17	...	1	18	9	2	...	...	...	...	...	1	...	2	1	...	5	1
Bathgate . . .	60	3	14	22	...	9	31	9	3	...	...	...	...	...	...	...	1	6	1	8	1
Borrowstouness . . .	78	4	13	27	...	4	31	5	6	...	...	...	1	...	1	...	...	2	3	5	5
Linlithgow . . .	13	...	4	23	...	...	23	3	6	...	...	...	5	...	...	...	1	...	...	5	...
Queensferry . . .	16	...	5	16	8	1	9	2	3	...	...	...	...	...	...	...	...	1	...	2	...
Whitburn . . .	13	...	5	6	...	1	7	2	1	...	...	...	...	...	...	...	...	1	...	3	...
<i>County Districts.</i>																					
Bathgate . . .	218	11	28	65	1	10	74	16	20	...	...	...	...	1	1	...	6	3	5	14	3
Linlithgow . . .	77	2	24	71	23	9	57	11	15	...	...	...	3	1	1	...	1	2	1	9	10
Nairn County	29	1	11	34	3	1	32	3	18	...	...	...	...	...	...	1	...	...	1	4	...
<i>Burghal District.</i>																					
Nairn . . .	16	...	10	13	...	1	14	3	3	...	...	...	...	...	...	1	...	...	...	2	...
<i>County District.</i>																					
Nairn . . .	13	1	1	21	3	...	18	...	15	...	...	...	...	...	...	...	...	...	1	2	...

TABLE F.—continued.

County and Public Health District.	Births (corrected).	Illegitimate Births (corrected).	Marriages.	Deaths.				Deaths of		Deaths from											
				Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhœa (under 2 Years).	Pulmonary.	Other.	Tuber- culosis.	All Respiratory Diseases (except Phthisis).
Orkney County	107	8	49	96	11	8	93	4	54	..	..	..	..	..	1	3	3	2	12	7	..
Burghal Districts.																					
Kirkwall	13	3	16	18	4	3	17	1	5	..	..	..	..	..	..	..	..	..	5	3	..
Stromness	11	..	5	4	1	1	4	1	3	..	..	..	..	..	..	..	..	..	..	..	..
County Districts.																					
Mainland	29	1	13	32	1	2	33	..	18	..	..	..	..	..	..	..	..	..	4	3	..
North Isles	36	3	9	17	..	..	17	2	12	..	..	..	..	..	..	..	..	..	1	1	..
South Ronaldshay	15	1	2	15	2	1	14	..	10	..	..	..	..	..	..	..	..	..	1	1	..
Walls	3	..	4	10	3	1	8	..	6	..	..	..	..	..	..	..	..	..	1	..	..
Peebles County	52	4	12	54	3	10	61	3	30	..	..	..	..	..	..	1	3	3	10	..	..
Burghal Districts.																					
Innerleithen	10	..	3	10	..	1	11	..	7	..	..	..	..	..	..	..	..	..	2	..	..
Peebles	14	2	7	27	1	5	31	1	13	..	..	..	..	..	..	1	3	1	4	..	..
County District.																					
Peebles	28	2	2	17	2	4	19	2	10	..	..	..	..	..	..	1	1	2	4	..	..



Perth County	535	42	226	496	65	79	510	43	244	1	...	...	4	1	...	6	6	23	14	69	19
<i>Burghal Districts.</i>																					
Aberfeldy	5	...	1	4	...	2	6	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Abernethy	5	...	2	6	...	...	6	...	4	...	...	...	...	...	...	...	...	...	...	...	...
Alyth	15	1	4	10	...	3	13	1	6	...	...	...	...	...	...	...	...	...	1	1	2
Auchterarder	4	...	5	10	...	1	11	...	7	...	...	...	...	...	...	...	...	...	...	1	...
Blaigowrie	18	3	6	20	6	5	19	...	12	...	...	...	...	...	...	...	...	...	...	5	1
Callander	7	2	7	6	...	1	7	...	2	...	...	...	...	...	...	...	...	...	...	...	...
Coupar-Angus	6	1	3	7	...	2	9	...	4	...	...	...	...	...	...	...	...	...	...	...	...
Crieff	23	...	4	27	3	1	25	3	13	...	...	...	2	...	...	...	...	...	1	5	...
Doune	6	...	1	6	...	1	7	...	4	...	...	...	...	...	...	...	...	...	...	1	...
Dunblane	8	...	5	5	...	2	7	...	4	...	...	...	...	...	...	...	...	...	1	1	...
Perth	136	11	104	169	29	11	151	19	62	...	...	...	1	...	...	3	4	...	5	22	5
Rattray	8	...	2	9	...	2	11	...	5	...	...	...	...	...	...	...	...	1	1	2	...
<i>County Districts.</i>																					
Blaigowrie	51	7	10	32	4	10	38	8	19	1	...	...	1	...	...	...	...	1	1	4	2
Central	52	2	17	28	...	13	41	2	17	...	...	...	...	...	...	1	...	3	...	7	2
Highland	56	5	8	52	16	3	39	4	22	...	...	...	...	...	...	...	...	...	1	3	...
Perth	88	10	35	76	4	14	86	5	41	...	...	...	...	1	...	1	2	6	1	12	5
Western	47	...	12	29	3	8	34	1	17	...	...	...	...	...	...	1	...	3	2	4	1
<b>Renfrew County</b>	<b>1640</b>	<b>76</b>	<b>453</b>	<b>1382</b>	<b>141</b>	<b>87</b>	<b>1328</b>	<b>223</b>	<b>346</b>	<b>1</b>	<b>...</b>	<b>...</b>	<b>59</b>	<b>20</b>	<b>4</b>	<b>28</b>	<b>43</b>	<b>90</b>	<b>43</b>	<b>307</b>	<b>38</b>
<i>Burghal Districts.</i>																					
Barrhead	67	4	22	44	...	10	54	14	12	1	...	...	...	...	...	...	...	6	4	10	1
Gourock	51	2	8	37	1	6	42	2	16	...	...	...	...	...	...	...	...	1	2	10	...
Greenock	520	26	173	467	18	10	459	95	97	...	...	...	51	3	2	6	28	26	17	102	13
Johnstone	84	6	17	55	...	9	64	13	19	...	...	...	3	...	...	1	4	5	...	16	5
Paisley	441	19	132	415	15	11	411	54	113	...	...	...	2	12	...	20	4	29	16	101	7
Port-Glasgow	135	6	30	62	6	7	63	12	9	...	...	...	3	2	1	...	3	6	...	13	3
*Renfrew	83	2	15	30	1	10	39	8	9	...	...	...	...	2	1	...	1	5	...	9	1
<i>County Districts.</i>																					
Upper	166	3	36	198	89	14	123	12	46	...	...	...	...	1	...	1	2	9	2	28	5
Lower	93	8	20	74	11	10	73	13	25	...	...	...	...	...	...	...	1	3	2	18	3

\* Including the portion within the County of Lanark.





[illegible]

*d*

TABLE F.—continued.

County and Public Health District.	Births (corrected).	Illegitimate Births (corrected).	Marriages.	Deaths.				Deaths of		Deaths from										
				Registered.	Transferred out.	Transferred in.	Net Number.	Children under One Year of Age.	Persons Aged 65 Years and Upwards.	Enteric Fever.	Typhus Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.	Diarrhoea (under 2 Years).	Tuber- culosis.	Pulmonary.	Other.
Sutherland County	76	5	21	72	...	4	76	7	48	...	...	...	1	1	1	5	3	...	3	2
Burghal District.																				
Dornoch. . . . .	6	1	...	3	...	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...
County District.																				
Sutherland . . . . .	70	4	21	69	...	4	73	7	46	...	...	...	1	1	1	5	3	...	3	2
Wigtown County	138	21	58	106	6	16	116	12	55	...	1	...	...	1	1	9	4	...	15	2
Burghal Districts.																				
Newton-Stewart . . . . .	7	...	4	7	...	1	8	...	6	...	...	...	...	...	...	...	...	...	...	1
Stranraer . . . . .	26	7	22	26	5	2	23	3	8	...	...	...	...	...	...	1	1	...	5	...
Whithorn . . . . .	4	1	2	6	...	...	6	1	2	...	...	...	...	...	...	2	...	...	...	...
Wigtown . . . . .	7	1	1	11	...	2	13	3	5	...	...	...	...	...	...	3	...	...	1	...
County Districts.																				
Machars . . . . .	37	2	15	26	1	2	27	2	13	...	1	...	...	1	1	1	1	...	3	...
Rhins . . . . .	57	10	14	30	...	9	39	3	21	...	...	...	...	...	...	2	2	...	6	1
Unallocated Deaths* . . . . .	...	...	...	...	...	131	131	...	...	...	...	1	...	...	...	10	1	...	8	83

\* Including 101 British soldiers; 27 British sailors; 1 Foreign sailor; and 2 interned civilians.









# REPORT ON THE WEATHER OVER SCOTLAND DURING THE QUARTER ENDING 31st DECEMBER 1915.

By A. WATT, M.A., F.R.S.E., under the direction of the Council of the Scottish Meteorological Society.

THE Report is based on observations made, morning and evening, at Stations of the Scottish Meteorological Society, and at some additional Stations whose returns are included by the courtesy of the Meteorological Office. The total number of contributing stations is 81.

TABLE I.—MEANS FOR ALL SCOTLAND.

1915	BARO- METER at 32° F. and Sea level.	SELF-REGISTERING THERMOMETERS.					RAIN.	
		Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount
	ins.	°	°	°	°	°		ins.
Oct.	30·031	53·1	40·2	46·7	65	21	14	2·82
Nov.	29·919	42·3	30·7	36·5	56	10	13	2·69
Dec.	29·512	41·4	32·9	37·2	54	8	24	6·18

TABLE II.—MEANS FOR THE EIGHT PRINCIPAL TOWNS.

1915	SELF-REGISTERING THERMOMETERS.					RAIN.		WIND—NO. OF OBSERVATIONS.									
	Mean Max.	Mean Min.	Mean Temp.	Ab- solute Max.	Ab- solute Min.	Days.	Amount.	N	NE	E	SE	S	SW	W	NW	Calm or Var.	
	°	°	°	°	°		ins.										
Oct.	52·6	41·2	46·9	63	26	15	2·61	1	5	11	21	5	7	3	4	5	
Nov.	42·1	31·2	36·7	54	13	10	2·00	5	4	3	3	2	8	14	14	7	
Dec.	41·8	34·1	38·0	54	19	24	5·58	3	8	10	9	4	7	9	6	6	

## SUMMARY OF OBSERVATIONS.

In Table I., the means for the various elements are the arithmetical means of the values at all the contributing stations. That for rainfall does not represent the whole country in a quite satisfactory manner, as stations are more numerous in dry districts than in wet districts; the figures, however, are fairly comparable with the corresponding figures given for former years.

Table II., refers to eight of the principal towns only, and is extracted from the Monthly Reports already published by the Registrar-General for Scotland.

And when the figures in Table I., and those of wind-direction in Table II. are compared with the averages for 1856–1905, during the same months, they show the following characteristics and differences:—

**October 1915.**—Mean Barometric Pressure, 30·031 in.; greater than the average by 0·217 in.

Mean Temperature, 46°·7; greater by 0°·1.

Mean Daily Range of Temperature, 12°·9; greater by 0°·8.

Rain, Number of Days, 14; less by 3 days.

Rain, Depth in Inches, 2·82; less by 1·22 in.

Wind, Direction of: a 9 days' excess of winds from E. and S.E.

**November 1915.**—Mean Barometric Pressure, 29·919 in. ; greater than the average by 0·085 in.

Mean Temperature, 36°·5 ; less by 4°·4.

Mean Daily Range of Temperature, 11°·6 ; greater by 1°·2.

Rain, Number of Days, 13 ; less by 4 days.

Rain, Depth in Inches, 2·69 ; less by 1·11 in.

Wind, Direction of : a 3 days' excess of winds from N.W.

**December 1915.**—Mean Barometric Pressure, 29·512 in. ; less than the average by 0·268 in.

Mean Temperature, 37°·2 ; less by 0°·9.

Mean Daily Range of Temperature, 8°·5 ; less by 1°·0.

Rain, Number of Days, 24 ; greater by 7 days.

Rain, Depth in Inches, 6·18 ; greater by 2·05 in.

Wind, Direction of : a 7 days' excess of winds from between N.E. and S.E.

**October 1915.**—The month was characterised by an extremely high mean pressure ; a mean temperature practically equal to the normal, with a slightly high mean daily range ; a low mean rainfall ; and a considerable excess of easterly and south-easterly winds.

The mean pressure was 30·031 in., or 0·217 in. above the normal, and for the first three weeks or so pressure over Scotland was in general high and steady, though there were moderate fluctuations around 7th, 11th and 17th. On 23rd a depression was centred off the north of Ireland, but with its departure on a south-south-easterly track, pressure rose until 26th, with a steady fall on 27th and 28th, when a rather deep depression, with a "secondary" to the east of it, skirted our western coasts. At Leith, at sea-level, pressure was above 30 in. from 3rd to 7th, from 15th to 22nd, and from 24th to 27th ; and from the highest reading (30·50 in.) on morning of 26th there was a steady and continuous fall to the lowest reading (29·34 in.) on morning of 28th, as was the case generally over Scotland.

In some central and eastern districts the mean temperature of the month was somewhat below the normal, but the general mean (46°·7) was practically equal to it, and with the days 0°·5 above and the nights 0°·3 below their respective averages, the mean daily range was slightly above the normal. The cold weather which had characterised the last few days of September persisted during the first week or so of October, with lowest readings for the month in some districts at that time,—as low as 22° at Braemar on 6th. A spell of genial conditions with temperature considerably above the normal and with a fair amount of sunshine followed, with highest readings for the month between 13th and 16th. From about 23rd onwards the weather was of a cold south-easterly type, with lowest readings for the month in various districts between 26th and 30th. The extreme readings reported were 65° at Gordon Castle on 13th and 21° at West Linton on 30th.

The first few days were rainless or all but so in practically all districts, and in some no rain of much importance fell until 23rd. Around 8th, 11th, and 17th, however, moderate to rather heavy falls were experienced in some districts. On 23rd heavy to very heavy falls occurred, except in north, north-west, and extreme south-east,—1·84 in. at Lednathie, near Kirriemuir, and more than 2 in. at Whit-horn and elsewhere in the south. On 27th considerable falls were again experienced somewhat widely, followed by some extremely heavy falls in east and north-east on 28th,—as much as 3·34 in. at Crathes (with about 1 in. on 27th) ; about 2½ in. at Fyvie Castle and Lednathie ; and 1·93 in. at Balmoral. Conditions were generally fair during the last three days of the month, though still unsettled here and there towards north-east. As a result of very heavy falls on two or three days the month's aggregates were considerably above the normal in some hilly eastern districts ; but much the greater part of the country had a rainfall below the normal, and in north, north-west, and extreme south-east the shortage was acute.



Thus Kirkwall and Glencarron had only about one quarter, Fort William less than one half, and Wolfelee, near Hawick, less than one-third of the normal. The areas of excess were very clearly defined, as were those visited by the heavy rains of 28th. Thus the rainfall at Crathes on 28th was considerably more than the month's total at Aberdeen, less than twenty miles away, and practically equal to that at Fort William for the whole month.

Around 8th and from 11th to 13th wind force was high with gales at various outlying points in north and west. Around 28th the weather was stormy with a south-easterly gale in some districts, and on the morning of that day H.M.S. Argyll was wrecked "off the east coast of Scotland."

A thunderstorm occurred on evening of 11th in some western districts; and at Arbroath early on 31st.

Sunshine was much above the normal towards the extreme north; about the normal in the east; and deficient in some western districts. Fortrose, Nairn, and Gordon Castle, with an average of more than 4 hours per day, enjoyed more sunshine than any other places in the British Isles, and about  $1\frac{1}{2}$  hours per day more than, *e.g.*, Bournemouth.

A good deal of fog occurred in Firth of Forth from 2nd to 7th and from 14th to 17th; but little elsewhere.

A brilliant aurora was widely observed on 15th, and minor displays less widely on 14th and 24th.

**November 1915.**—The month was characterised by a high mean pressure; an abnormally low mean temperature, with a rather high mean daily range; a low mean rainfall; and an excess of north-westerly winds.

The mean pressure was 29·919 in., or 0·085 in. above the normal. A disturbance in the extreme north affected Scotland on 8th; on 9th a deep depression passed right across Scotland; and on 12th and 13th another passed across the south of Ireland and England and away to Scandinavia. From 16th to 27th quiet anticyclonic conditions prevailed; but at the end of the month a low pressure area outside our north-western coasts dominated our weather conditions. At Leith, at sea-level, pressure was above 30 in. from 4th to 6th, and from 16th to 27th; above 30·5 in. from 19th to 21st. The extremes at Leith were 30·74 in. on 21st and 28·81 in. on 9th.

The mean temperature was  $36^{\circ}\cdot 5$ , or  $4^{\circ}\cdot 4$  below the normal, the days being  $3^{\circ}\cdot 8$  and the nights  $5^{\circ}\cdot 0$  below their respective averages. There were moderately high readings around 6th and 7th, but temperature was for the most part low, and on 15th a frost of great intensity set and persisted with but slight interruptions until the end of the month. The mean temperature of the third week was below the normal at various places by fully  $10^{\circ}$ , and at Glasgow by  $14^{\circ}$ ; and on 18th temperature in screen at Balmoral and Braemar fell to  $10^{\circ}$ , with a reading of  $3^{\circ}$  at Braemar from a thermometer exposed on the grass. Abnormal cold was experienced in all parts of our Islands, and judged by the mean temperature the only November comparable for very many years was that of 1910, when, curiously, pressure was abnormally low. Much lower absolute minima have, however, frequently been recorded in November, *e.g.*, zero at Braemar in 1912. The highest reading was  $56^{\circ}$  at Inverness, St. Andrews, Kirkcaldy, and Thorntonhall, and some higher reading than this has been recorded in Scotland in every November during the last fifty years except in those of 1878 and 1910.

Many districts, except in extreme north and extreme south-east, were rainless or nearly so until 6th or 7th. On 8th moderate to heavy falls were general,  $1\frac{1}{2}$  in. at Poltalloch and Lochbuie; and on 9th very heavy falls, partly accounted for by snow or sleet, occurred over wide areas towards the north of Scotland,—more than 2 in. at Grantown and elsewhere in the Spey valley, and at Balmoral and Braemar. In north-east there were rather heavy falls again on 10th. On 15th a heavy snowfall occurred rather widely, but in some eastern districts there was practically no precipitation from 13th to 27th or 29th, and nearly everywhere

none from at least 16th to 26th. Unsettled conditions were general during the last three or four days of the month, with some rather heavy falls,—as much as 2 in. at Lednathie on 29th. In some northern districts the month's aggregates were above the normal, at Gordon Castle by 40 per cent.; but elsewhere there was a moderate to considerable deficiency, and Fort William (2·51 in.) had less than one-third, and Edinburgh (1·00 in.) less than one-half of the normal.

From 9th to 13th the weather was stormy with snow and sleet at times, and in northern districts there was serious damage from flooding. In Shetland a gale was continuous for about five days. The snowstorm of 15th was experienced in all except some eastern districts, and was followed by a spell of dry and fine weather, during which snow lay on the ground for a considerable time.

A thunderstorm occurred in Orkney late on 7th.

Sunshine amounts were as a rule a little above the normal; but hardly equal to it at Aberdeen and Deerness.

During the settled spell of weather after 15th dense fog occurred over the Clyde area on several days, and there was fog in the Firth of Forth almost continuously from 16th to 21st. At many points on our coasts no fog occurred during the month.

Aurora was observed at one or more stations on 1st, 5th, 6th, 8th, 11th, or 19th; at Fort Augustus on four of these days; at Aberdeen on three.

**December 1915.**—The month was characterised by an abnormally low mean pressure; a slightly low mean temperature, with a rather low mean daily range; an abnormally high mean rainfall; and a considerable excess of easterly winds.

The mean pressure of 29·512 in. was 0·268 in. below the normal, and fully 0·4 in. below the mean for November. Anticyclonic systems made brief appearances over parts of our Islands about 12th and 19th; but otherwise there was a practically continuous succession of depressions moving in from the Atlantic, and throughout the month there were rapid and considerable fluctuations of pressure. At Leith, at sea-level, pressure was above 30 in. only on 13th and 14th and from 18th to 20th, and the extremes there were 30·45 in. on 19th and 28·66 in. on 6th.

The mean temperature was 37°·2, or 0°·9 below the normal, and somewhat above the mean for the very cold month of November. The slight deficiency was largely accounted for by the frequency of low day readings. Early in the month cold and wintry weather occurred, and in general the thermometer remained at a low or rather low level until about the end of the third week. There then set in a spell of extremely mild weather with highest readings of the month almost everywhere on 31st, and that day was in many districts the warmest day for seven or eight weeks. The highest reading reported was 54° at Greenock and Hamilton. During the cold period lowest readings occurred about 4th or 9th, but here and there on 19th,—as low as 9° at Kingussie on 4th and 8° at Balmoral on 5th.

As regards rainfall, many districts were rainless during the first three or four days of the month, but on 5th heavy falls, partly due to melting snow, were more or less general, and thereafter conditions were mostly unsettled with many wet days nearly everywhere. Falls exceeding 1 in. occurred towards north-east and south-east on 5th; towards north-west on 7th; in some western districts on 10th, as much as 3 in. at Lochbuie; at places on 22nd, 24th, and 27th; and rather widely on 31st. In northern, eastern and southern districts the month was a very wet one, though more remarkable for the persistence of precipitation than for any notably heavy individual falls, and considerable areas had more than twice the normal. At Ardrross Castle, in Ross-shire, the total of 8·60 in. exceeded that of any other December in a record going back to 1866; at Dundee (6·10 in.) the month was the wettest December since 1876; and at Edinburgh the wettest since 1891. In many of the wet districts, however, December 1914 was a wetter month. The month's aggregates were below the normal at Greenock, Buchlyvie and Stronvar, and in the West Highlands. At Fort William the



month was the eighth in succession with a deficient rainfall. The general mean was 6·18 in. or 50 per cent. above the normal.

Much stormy weather occurred, as a rule of an easterly to south-easterly type, and especially between 5th and 12th, from 22nd to 25th, and during the last day or two of the month. There was damage to shipping on the East Coast about 6th and 23rd, and a gale was practically continuous in the north-east from 23rd to 25th. Snowstorms occurred around 4th and 9th, with some snow, sleet and hail at other times. On 4th the snow gave place to heavy rain, followed by flooding in some districts.

A thunderstorm occurred towards north-east on 12th.

Sunshine was deficient in east and north ; about equal to the normal in the west.

There was much fog at times over the Clyde area ; but little coast fog occurred, except in the Firth of Forth from 14th to 20th.

A fine display of aurora was widely observed on 6th, with a minor display at one or two points on 2nd and 31st.

---

*Note.*—The averages for Temperature and Rainfall referred to in the returns for individual stations are for the 40 years 1866–1905, but at the stations whose returns are supplied by the Meteorological Office the averages are for the 35 years 1871–1905. For stations where the actual observations do not cover the entire period of 35 or 40 years, the averages have been adjusted by comparison with neighbouring stations. The Sunshine averages are, as a rule, for the 25 years 1881–1905, but at Edinburgh (Blackford Hill) for the 13 years 1901–1913.

The amount of cloud is estimated on a scale of 0–10, and a day is reckoned as a day of “clear sky” if the average of the estimates at the hours of observation is less than 2, and as an “overcast” day if the average is greater than 8.

The “Height of Station” is that of the cistern of the Barometer above Mean Sea-Level or, where no barometer is in use, the height of the rain-gauge above Mean Sea-Level.

It is to be noted that the observations of pressure have not been adjusted to mean sea-level or Lat. 45°, but are at the heights and latitudes of the various station.

STATIONS.	Height of Station above Sea-level.	BARO-METER. Mean of Station at 32° Fahr. at 9 a.m. and 9 p.m.	AIR TEMPERATURE.						HYGROMETER.					
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
	feet.	inch.	°	°	°	°	°		°		°	°	inch.	%
SHETLAND—														
†Baltasound - - -	31	...	...	...	...	...	...		...		...	...	...	...
*Lerwick - - -	59	30·037	50·3	44·7	47·5	+1·8	58	14th	37	27th	47·5	1·8	·285	87
ORKNEY—														
Deerness - - -	163	29·867	51·4	45·3	48·4	+2·0	57	14th, 15th	38	27th	48·3	1·8	·294	88
†Kirkwall - - -	72	29·965	52·5	44·1	48·3	+1·2	62	14th	33	2nd	...	...	...	...
CAITHNESS—														
*Wick - - -	94	29·931	51·7	41·4	46·6	+0·4	58	14th	29	3rd	47·3	1·0	·302	93
SUTHERLAND—														
Dunrobin - - -	16	...	52·5	40·5	46·5	-0·2	60	14th	33	2nd	48·0	1·1	·307	92
ROSS & CROMARTY—														
†Fortrose - - -	69	...	54·8	41·9	48·4	...	62	15th	32	2nd	47·5	2·2	·276	84
Strathpeffer - - -	210	29·777	52·5	38·3	45·4	+0·2	60	13th	28	30th	43·7	1·7	·247	86
Glencarron - - -	504	29·433	53·7	39·5	46·6	+1·4	62	13th	31	1st	45·7	2·9	·243	80
*Stornoway - - -	52	29·899	54·0	44·1	49·1	+3·3	58	4th, 10th, 13th	35	1st	47·9	1·5	·296	90
INVERNESS—														
*Castlebay - - -	48	29·887	53·8	48·3	51·1	+4·7	58	3rd, 13th	41	1st	51·5	1·7	·336	89
Inverness - - -	114	29·891	54·4	40·8	47·6	+0·7	62	13th	31	2nd	47·3	2·3	·271	84
Fort-Augustus - - -	73	29·927	55·2	40·4	47·8	+1·2	61	4th, 14th, 16th	29	2nd, 6th	46·2	2·3	·261	84
Fort-William - - -	38	29·953	54·0	41·4	47·7	+0·3	61	13th	31	1st, 6th	46·5	2·7	·255	82
Kingussie - - -	828	29·117	52·5	36·3	44·4	+0·6	60	4th, 6th, 16th	24	19th	43·6	2·4	·232	82
NAIRN—§Nairn - - -	82	29·931	53·1	36·6	44·9	-1·1	60	7th, 13th	28	2nd	44·3	2·0	·247	84
ELGIN OR MORAY—														
Gordon Castle - - -	107	29·916	55·5	39·2	47·4	+0·6	65	13th	31	2nd, 25th	46·5	1·7	·277	88
BANFF—†Banff - - -	64	29·982	53·2	41·9	47·6	...	62	14th	28	2nd	47·4	1·2	·298	91
ABERDEEN—														
Braemar - - -	1114	28·848	50·3	34·4	42·4	-0·7	59	3rd	22	6th	42·8	2·2	·229	83
†Balmoral - - -	927	29·039	...	34·6	...	...	...	...	25	6th, 30th	43·4	1·6	·242	87
†Logie Coldstone - - -	608	...	51·7	35·3	43·5	-0·7	60	12th, 14th	24	3rd	...	...	...	...
Loanhead - - -	747	29·238	51·1	37·5	44·3	-0·3	62	11th	27	28th	44·0	0·9	·276	93
Aberdeen, King's Coll. - - -	88	29·964	51·8	43·0	47·4	+0·5	60	14th	32	2nd	47·3	2·0	·278	86
KINCARDINE—														
†Crathes - - -	145	29·900	53·5	39·2	46·4	+0·2	62	14th	27	2nd, 6th	46·2	1·7	·274	89
FORFAR—														
†Montrose - - -	200	...	52·3	40·1	46·7	-0·1	60	14th	30	5th	...	...	...	...
Arbroath - - -	70	29·978	53·8	43·1	48·5	+1·6	61	14th	32	5th	48·4	2·0	·291	86
†Lednathie - - -	720	...	51·2	36·1	43·7	-0·7	59	15th, 16th	26	27th	...	...	...	...
†Carnoustie - - -	39	...	53·2	41·5	47·4	...	62	14th	32	30th	...	...	...	...
Dundee, E. Necropolis - - -	164	29·869	52·8	40·7	46·8	+0·3	61	14th	32	2nd	46·0	1·0	·287	93
†Dundee, Harbour - - -	20	...	52·7	42·7	47·7	-0·7	60	13th, 14th	37	6th, 27th, 30th	...	...	...	...
†Dundee, Coll. Gds. - - -	244	...	52·3	38·9	45·6	...	60	13th	29	30th	45·3	1·5	·268	89
Balruddery - - -	276	...	...	...	...	...	...	...	...	...	...	...	...	...
†Kettins - - -	218	...	52·6	37·0	44·8	...	59	13th, 14th	26	2nd	44·7	1·3	·266	90
PERTH—														
Perth - - -	82	29·960	52·9	38·2	45·6	-0·8	61	12th	26	2nd, 27th	43·2	0·8	·262	93
Crieff - - -	436	29·568	51·8	38·8	45·3	-1·1	61	14th	30	2nd, 27th	44·6	1·4	·263	90
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—														
†St Andrews - - -	20	...	53·4	39·6	46·5	...	61	13th	29	2nd	...	...	...	...
†Cupar - - -	210	...	52·3	38·2	45·3	-1·2	57	13th	28	2nd, 30th	...	...	...	...
Lathallan - - -	522	29·471	51·3	39·8	45·6	...	58	13th	31	2nd	45·4	1·3	·273	91
†Kirkcaldy - - -	100	29·938	54·6	42·3	48·5	...	64	13th	34	6th, 27th, 30th	47·6	1·8	·282	86
STIRLING—Buchlyvie - - -	125	29·878	52·4	37·5	45·0	-1·3	60	13th	26	2nd	44·2	1·1	·265	92
DUMBARTON—														
†Helensburgh - - -	22	...	53·7	41·1	47·4	+0·8	63	14th, 15th	29	1st	...	...	...	...
†Kilmahew - - -	130	...	53·7	41·0	47·4	...	61	13th, 15th	29	1st	...	...	...	...
†Dumbarton - - -	27	30·008	53·5	41·6	47·6	+0·1	63	15th	30	1st	46·5	2·0	·270	86
ARGYLL—														
Ardtornish - - -	40	29·959	54·2	41·8	48·0	...	61	15th, 16th	29	1st	47·0	2·1	·273	85
†Lochbuie - - -	20	...	54·1	43·2	48·7	+0·3	60	4th, 16th	30	26th	...	...	...	...
§Oban - - -	23	29·984	54·6	43·2	48·9	+0·3	63	10th	31	1st, 26th	48·2	3·1	·263	79
†Poltalloch - - -	135	...	53·0	41·2	47·1	-0·4	60	16th	29	1st, 26th	...	...	...	...
Ardnamadam - - -	64	...	52·4	43·0	47·7	...	61	12th	31	26th	...	...	...	...
BUTE—Rothesay - - -	187	29·819	52·2	43·6	47·9	+0·4	60	14th	35	26th	48·1	1·9	·289	86
RENFREW—														
†Greenock - - -	233	29·767	52·8	42·4	47·6	+0·7	63	13th	33	26th	46·1	1·2	·284	91
Paisley - - -	107	29·909	52·9	41·0	47·0	-0·7	62	13th	32	1st	46·2	1·6	·276	89

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.									
				Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
Mean at 9 a.m. and 9 p.m. Scale 0-10.		inch.	inch.	inch.																			
6.7	22	1.73	...	0.31	30th	0	0	0	0	7	1	1	4	5	2	20	20	7	0	1	3		
6.0	13	1.06	-3.22	0.21	10th	0	0	0	4	9	6	2	4	2	7	26	14	3	1	2	3		
6.9	16	1.05	-3.17	0.19	17th	0	0	0	1	11	2	3	4	4	4	18	20	4	0	4	4		
7.2	16	1.06	-2.17	0.20	28th	0	0	0	0	8	4	2	4	2	2	22	19	6	3	3	1		
4.7	10	1.50	-1.76	0.28	17th	0	0	0	9	9	0	1	1	0	4	32	2	0	2	0	21		
5.6	9	1.44	...	0.46	23rd	0	0	0	1	6	0	0	0	10	14	0	2	4	14	18	0		
4.6	10	1.89	-1.25	0.52	23rd	0	0	0	7	7	1	0	0	1	15	2	0	10	3	2	29		
4.8	10	2.19	-7.27	0.85	11th	0	0	0	7	7	0	0	12	2	37	0	0	0	9	0	2		
5.8	17	1.85	-3.84	0.63	11th	0	0	0	3	9	0	2	2	1	5	22	19	7	1	3	2		
7.3	15	2.45	...	0.43	27th	0	2	1	0	14	0	1	3	2	6	28	9	10	0	1	3		
4.8	8	0.24	-2.24	0.08	11th	0	0	0	7	6	7	0	3	6	13	3	5	14	12	6	0		
5.9	13	1.66	-2.59	0.59	11th	0	0	0	4	10	2	1	2	11	4	5	9	18	8	5	0		
6.7	11	3.40	-4.23	0.85	11th	0	0	0	4	13	3	1	0	5	0	9	7	10	0	0	31		
5.8	14	1.09	-2.00	0.33	11th	0	0	0	5	13	0	1	5	5	9	7	7	7	5	0	17		
6.7	11	0.91	-1.56	0.35	17th	0	0	0	1	9	0	0	0	1	8	8	9	9	1	1	25		
5.7	19	1.88	-1.42	0.55	28th	0	0	0	3	10	0	0	1	2	0	26	15	13	0	5	0		
5.9	18	2.45	...	0.93	28th	0	0	0	7	13	0	1	4	4	2	17	25	3	0	1	6		
6.2	16	3.99	+0.05	1.44	28th	1	0	0	3	10	0	0	0	2	10	14	18	16	2	0	0		
6.6	19	4.93	...	1.93	28th	0	0	0	2	13	0	2	0	0	12	14	6	20	8	2	0		
...	22	4.73	...	1.75	28th	0	0	0	...	...	0	0	...	...	...	...	...	...	...	...	...		
6.6	26	4.67	+1.48	2.04	28th	0	0	0	3	14	0	0	3	5	14	17	3	2	3	4	11		
6.5	19	2.65	-0.29	0.79	28th	0	1	0	4	13	1	2	3	1	1	25	14	3	3	5	7		
7.0	20	7.10	...	3.34	28th	0	0	0	4	15	2	2	2	0	4	22	22	6	0	4	2		
...	16	3.13	+0.30	1.00	28th	0	1	0	...	...	3	1	12	0	6	8	30	0	2	4	0		
6.3	16	2.24	-0.15	0.91	28th	0	0	1	4	10	6	2	8	2	7	29	4	5	1	6	0		
...	16	7.44	+2.98	2.64	28th	0	0	0	...	...	0	0	0	12	10	16	0	8	10	6	0		
6.3	14	1.98	...	0.70	28th	0	0	0	2	8	2	1	3	2	13	11	15	3	11	4	0		
8.8	19	2.65	+0.01	0.84	28th	0	0	0	0	21	3	2	1	5	0	37	0	12	0	7	0		
6.6	17	2.66	...	0.83	28th	0	0	0	0	9	2	0	0	6	4	24	2	10	8	8	0		
7.2	16	2.98	...	0.91	23rd	0	0	0	2	17	9	0	4	4	0	24	4	2	8	8	8		
...	15	2.67	...	0.76	28th	0	0	0	...	...	1	2	...	...	...	...	...	...	...	...	...		
5.7	17	5.75	...	1.75	28th	0	0	0	9	13	7	0	2	2	6	6	0	6	8	2	30		
7.2	15	2.54	-0.56	0.70	23rd	0	0	0	2	15	6	1	1	4	7	25	0	10	3	11	1		
7.8	16	4.17	+0.07	1.84	23rd	0	0	0	1	17	0	0	0	3	41	4	0	1	11	2	0		
...	...	4.23	-3.31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
...	13	3.57	...	1.07	23rd	0	0	0	...	...	4	0	0	2	4	20	2	30	0	4	0		
...	22	4.18	+1.56	1.20	23rd	0	0	0	...	...	1	0	2	8	8	10	8	12	10	4	0		
6.5	14	3.06	...	1.10	23rd	0	0	0	5	12	1	0	1	20	10	14	0	9	0	6	2		
7.6	14	3.38	...	1.36	23rd	0	0	0	2	16	2	0	...	...	...	...	...	...	...	...	...		
6.5	19	2.93	-1.69	0.70	27th	0	0	0	2	14	8	0	0	6	12	13	0	5	5	0	21		
7.7	16	3.26	-1.42	0.85	23rd	0	0	0	2	19	4	0	0	12	10	0	0	0	4	2	34		
...	14	3.41	...	1.01	23rd	0	0	1	...	...	2	0	6	0	20	16	0	0	0	2	18		
6.2	10	3.17	-1.52	1.08	23rd	0	0	0	7	14	7	0	8	2	10	2	2	12	4	2	20		
6.6	17	4.48	...	1.22	11th	0	0	1	4	12	0	0	2	2	21	22	2	2	6	1	4		
...	13	4.23	...	0.84	11th	0	0	0	...	...	0	0	10	22	12	8	10	0	0	0	0		
5.5	10	2.16	...	0.50	28th	0	0	0	8	12	1	0	0	4	21	1	0	8	7	3	18		
...	14	3.44	-2.15	0.90	28th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
7.3	14	4.50	...	1.04	8th	0	0	1	1	17	3	0	2	7	11	11	10	3	6	3	9		
6.9	17	3.37	-1.40	0.67	8th, 11th	0	0	1	3	14	5	1	1	23	9	16	3	1	4	5	0		
7.4	14	3.55	-2.61	0.70	23rd	0	0	0	0	11	6	0	0	7	18	26	0	5	4	2	0		
7.9	13	2.61	-1.51	1.42	23rd	0	0	0	0	21	13	0	0	1	12	17	5	5	2	1	19		

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.					
			Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
				A. Maximum.	B. Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
AYR—																
+Kilmarnock Agricultural College - -	90	...	55.2	40.2	47.7	+0.4	64	16th	27	1st	48.6	2.1	.292	86		
+Turnberry - - -	97	29.893	55.0	43.7	49.4	+0.2	62	13th	32	1st	49.2	2.7	.285	82		
+Benwhat - - -	1177	...	...	...	...	...	...	...	...	...	...	...	...	...		
+Colmonell - - -	150	29.839	55.8	40.9	48.4	+0.5	64	15th, 16th	26	1st	46.8	0.9	.299	93		
LANARK—																
Glasgow, Belvidere - -	54	...	54.4	41.7	48.1	+0.9	63	14th, 15th	30	1st	...	...	...	...		
Glasgow Observatory -	184	29.817	52.0	42.4	47.2	+0.4	59	13th	34	1st, 6th	46.2	1.7	.274	89		
*Glasgow, Springburn Park - - -	355	29.637	51.9	38.8	45.4	...	60	13th	31	6th	43.7	1.1	.260	91		
+Thorntonhall - - -	440	...	53.0	37.4	45.2	...	60	13th, 15th	27	1st	44.1	1.2	.262	90		
+Hamilton - - -	140	...	54.3	39.3	46.8	...	61	13th, 15th	27	1st	...	...	...	...		
+Dungavel - - -	800	...	52.3	38.7	45.5	...	59	5th, 13th	27	1st	...	...	...	...		
+Leadhills - - -	1310	...	50.6	38.3	44.5	+1.8	59	5th, 16th	30	27th, 29th	43.7	1.9	.244	85		
LINLITHGOW—																
Bangour - - -	584	29.391	51.6	37.5	44.6	...	59	13th	28	2nd, 30th	43.7	1.2	.258	90		
EDINBURGH—																
Edinburgh, Blackford -	441	29.556	51.9	42.1	47.0	+1.0	61	14th	34	6th	46.4	2.2	.264	84		
+Edinburgh, Liberton -	190	...	52.8	40.3	46.6	...	62	13th, 14th	30	2nd, 5th	45.9	1.6	.273	89		
+Edinburgh, Univ. - -	227	...	53.2	42.5	47.9	...	62	13th, 14th	36	6th	46.8	2.4	.264	83		
+Leith - - -	76	29.967	52.0	41.1	46.6	-0.8	61	13th	32	2nd	46.8	1.3	.289	91		
Dalkeith - - -	190	...	53.5	40.7	47.1	0.0	62	13th	32	30th	...	...	...	...		
BERWICK—																
Marchmont - - -	500	29.516	52.9	39.5	46.2	+0.5	62	15th	31	2nd	45.3	1.3	.272	90		
Duns - - -	500	...	53.9	39.2	46.6	+0.9	63	15th	30	6th, 30th	...	...	...	...		
PEEBLES—																
+West Linton - - -	770	...	51.6	34.2	42.9	...	60	15th	21	30th	42.9	1.2	.250	91		
+Glen - - -	754	...	53.4	37.1	45.3	+0.3	61	14th	26	30th	44.5	1.9	.251	86		
ROXBURGH—																
+Kelso (Broomlands) -	195	...	53.9	37.1	45.5	-1.0	63	15th	26	2nd	...	...	...	...		
Wolfelee - - -	537	...	53.1	36.7	44.9	-0.4	59	14th, 15th	26	2nd	44.9	1.8	.256	87		
DUMFRIES—																
Eskdalemuir - - -	778	29.190	51.4	37.2	44.3	...	58	14th	28	5th	43.6	1.5	.250	88		
+Drumlanrig - - -	191	...	53.3	40.0	46.7	-0.1	63	14th	29	5th	...	...	...	...		
Dumfries - - -	155	29.857	53.9	41.0	47.5	0.0	62	14th	33	1st, 27th, 30th	45.9	1.6	.273	89		
Comlongon - - -	74	29.951	55.7	40.1	47.9	...	62	9th	26	1st	...	...	...	...		
KIRKCUDBRIGHT—																
Cargen - - -	85	29.934	54.7	39.9	47.3	0.0	64	14th	29	1st	...	...	...	...		
Cally - - -	120	...	54.6	40.1	47.4	0.0	60	14th, 16th	26	1st	47.3	2.1	.276	85		

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

BRIGHT SUNSHINE.

OCTOBER 1915.				OCTOBER 1915.			
Total Observed.		Difference from Average.	Percentage of Possible.	Total Observed.		Difference from Average.	Percentage of Possible.
Hours.		Hours.	%	Hours.		Hours.	%
Baltasound	...	...	...	St Andrews	85	...	27
Deerness	117	+36	38	Oban	98	...	31
Strathpeffer	111	+22	35	Helensburgh	81	...	26
Stornoway	99	+15	32	Cardross (Kilmaheew)	72	...	23
Castlebay (Barra)	93	...	30	Rothsay	97	...	31
Fortrose	136	...	44	Paisley	51	- 33	16
Inverness	83	...	27	Glasgow Observatory	46	24	15
Fort Augustus	101	+39	32	Do., Springburn Park	71	...	22
Nairn	130	...	42	Thorntonhall	84	...	27
Gordon Castle	127	...	41	Kilmarnock	89	...	28
Banff	112	...	36	Turnberry	96	...	30
Carrbridge	96	...	31	Edinburgh	95	0	30
Aberdeen (King's Col.)	96	- 3	31	West Linton	101	...	32
Crathes	100	...	32	Marchmont	88	+2	28
Carnoustie	82	...	26	Duns	93	...	29
Dundee, Coll. Grds.	88	...	28	Eskdalemuir	84	...	26
Balruddery	81	...	26	Dumfries	69	...	22
Perth	76	...	24	Comlongon	94	...	29



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.								
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.							
Amount.					Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
7.7	14	inch. 2.05	inch.	inch. 0.68	23rd	0	0	0	3	16	7	0	0	6	20	16	6	4	2	2	6	
7.0	12	1.80	- 2.06	0.76	23rd	0	0	0	1	14	0	0	4	6	20	12	18	2	0	0	0	
...	8	1.93	...	0.91	23rd	0	0	0	...	...	4	0	2	0	4	20	20	10	4	2	0	
6.5	16	3.15	- 1.84	0.73	27th	0	0	1	3	13	0	0	0	2	22	10	10	2	10	0	6	
...	15	2.37	- 1.16	0.84	23rd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
8.0	14	2.77	- 0.97	1.10	23rd	0	0	0	0	18	2	0	2	11	30	6	2	5	2	1	3	
6.4	14	2.99	...	1.06	23rd	0	0	0	2	12	9	0	0	14	27	8	4	3	1	1	4	
7.0	12	2.38	...	0.81	23rd	0	0	0	0	14	2	0	2	22	2	14	0	8	2	2	10	
8.0	9	1.93	...	1.11	23rd	0	0	0	0	16	2	0	0	8	0	34	2	14	0	4	0	
...	9	2.02	...	0.99	23rd	0	0	0	...	...	0	0	2	0	24	4	10	16	6	0	0	
...	10	3.58	...	1.11	24th	0	0	0	...	...	0	0	0	0	8	8	10	0	0	2	34	
6.1	13	1.79	...	0.65	23rd	0	0	0	0	4	5	0	1	10	8	16	0	6	8	13	0	
5.7	14	2.00	- 0.47	0.48	23rd	0	0	0	4	8	3	0	1	3	4	20	12	3	5	0	14	
8.2	16	2.16	...	0.50	23rd	0	0	0	5	22	7	0	0	0	0	16	8	10	4	6	18	
...	15	2.27	- 0.16	0.67	23rd	0	0	0	...	...	3	0	...	...	...	...	...	...	...	...	...	
7.1	15	2.09	- 0.50	0.66	23rd	0	0	0	7	22	2	0	0	6	18	14	6	8	6	4	0	
6.6	13	1.59	...	0.34	23rd	0	0	0	1	8	0	0	3	1	5	18	21	4	7	3	0	
6.7	14	2.64	- 0.90	0.53	27th	0	0	0	4	15	0	0	1	5	31	1	1	2	18	3	0	
5.8	12	2.34	- 1.03	0.41	27th	0	0	0	3	8	0	0	1	15	2	29	3	9	1	2	0	
6.5	13	2.13	...	0.60	23rd	1	0	0	5	14	6	1	2	4	6	22	10	4	4	2	8	
...	15	2.52	...	0.55	27th	0	0	0	...	...	0	0	0	2	11	14	14	13	1	7	0	
7.1	14	1.18	- 1.58	0.28	23rd	0	0	0	0	12	5	0	0	2	14	2	16	12	8	0	8	
6.4	12	1.22	- 2.75	0.32	27th	0	0	0	0	6	1	0	1	8	7	15	8	20	0	3	0	
6.8	15	2.36	...	0.63	18th	0	0	0	2	12	0	0	4	7	9	11	5	3	1	1	21	
...	13	3.19	- 1.37	1.21	23rd	0	0	0	...	...	3	0	4	2	8	6	16	6	14	6	0	
6.1	12	3.14	- 0.52	1.42	23rd	0	0	0	3	10	1	0	12	10	6	14	5	3	5	7	0	
6.6	13	3.04	...	1.50	23rd	0	0	0	2	11	0	0	1	11	27	1	1	1	2	3	15	
6.5	13	4.03	- 0.41	1.61	23rd	0	0	0	6	15	7	0	3	6	19	14	7	11	1	1	0	
5.9	11	5.02	+ 0.22	1.32	23rd	0	0	1	1	8	0	0	9	6	1	20	1	11	0	14	0	

## EARTH TEMPERATURE.

OCTOBER 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - - - -	°	°	°
Dunrobin, - - - - -	49.4	...	...
Inverness - - - - -	48.0	...	...
Aberdeen - - - - -	...	50.1	...
Crathes - - - - -	48.0	50.6	...
Dundee, Coll. Garden - - - - -	47.5	...	...
St. Andrews - - - - -	47.7	50.8	...
Rothsay - - - - -	48.2	51.6	...
Paisley - - - - -	49.2	52.7	...
Edinburgh, University - - - - -	47.7	51.2	53.1
Do. Liberton - - - - -	47.1	...	...
Dumfries - - - - -	48.7	52.7	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.		AIR TEMPERATURE.								HYGROMETER.			
		Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			A. Maximum.	B. Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
SKETLAND—	feet.	inch.	°	°	°	°	°		°		°	°	inch.	%	
†Baltasound - - -	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Lerwick - - -	59	29·784	42·8	36·1	39·5	-2·8	50	6th, 22nd	30	15th, 24th	40·0	1·5	·217	88	
ORKNEY—															
Deerness - - -	163	29·674	43·2	37·1	40·2	-2·2	50	6th	32	15th	40·0	2·0	·207	84	
†Kirkwall - - -	72	29·773	43·5	36·2	39·9	-3·1	52	5th	28	15th	...	...	...	...	...
CAITHNESS—															
*Wick - - -	94	29·771	43·4	34·2	38·8	-2·9	53	6th	26	15th	39·3	0·7	·227	95	
SUTHERLAND—															
Dunrobin - - -	16	...	42·5	32·1	37·3	-4·9	53	6th	25	15th, 19th, 27th	37·5	1·5	·195	87	
ROSS & CROMARTY—															
†Fortrose - - -	69	...	42·3	33·6	38·0	...	53	6th	24	19th	37·2	1·5	·193	87	
Strathpeffer - - -	210	29·668	42·8	32·2	37·5	-2·9	52	6th, 7th	20	19th	35·7	1·7	·178	84	
Glencarron - - -	504	29·358	40·1	29·7	35·4	-5·3	50	6th, 7th	18	15th, 16th, 18th	35·4	1·9	·171	83	
*Stornoway - - -	52	29·851	44·2	36·2	40·2	-2·1	52	6th	27	18th	39·7	1·3	·218	89	
INVERNESS—															
*Castlebay - - -	48	29·871	46·7	39·7	43·2	-1·4	53	6th	32	15th	43·5	2·1	·237	83	
Inverness - - -	114	29·799	42·7	33·3	38·0	-3·7	56	6th	22	19th	37·0	1·9	·184	84	
Fort-Augustus - - -	73	29·842	42·0	30·3	36·2	-5·6	53	6th	17	18th	35·0	1·3	·178	87	
Fort-William - - -	38	29·888	41·4	31·0	36·2	-6·5	53	6th	17	18th	35·6	2·0	·172	82	
Kingussie - - -	828	28·998	40·0	27·9	34·0	-4·4	50	6th, 7th	12	15th, 18th	33·5	1·6	·159	83	
NAIRN—§Nairn - - -	82	29·810	41·1	31·2	36·2	-4·8	52	6th	19	19th, 20th	36·6	1·5	·188	87	
ELGIN OR MORAY—															
Gordon Castle - - -	107	29·762	43·4	32·5	38·0	-3·5	54	6th	22	19th	37·8	1·4	·200	89	
BANFF—†Banff - - -	64	29·810	43·3	34·4	38·9	...	54	6th	26	15th, 18th, 19th	38·8	1·3	·211	90	
ABERDEEN—															
Braemar - - -	1114	28·691	39·0	25·4	32·2	-6·0	50	6th	10	18th	33·4	1·7	·157	82	
†Balmoral - - -	927	28·881	41·5	27·5	34·5	-4·2	53	6th	10	18th	33·3	1·6	·158	83	
†Logie Coldstone - - -	608	...	41·3	28·9	35·1	-3·7	55	6th	12	18th	...	...	...	...	...
Loanhead - - -	747	29·073	40·6	31·1	35·9	-2·7	53	6th	18	27th	36·2	1·2	·191	89	
Aberdeen, King's Coll. - - -	88	29·788	42·3	34·3	38·3	-3·6	54	6th	28	15th, 17th	37·9	2·1	·188	82	
KINCARDINE—															
†Crathes - - -	145	29·736	42·2	30·4	36·3	-3·7	55	6th	20	15th	35·4	1·5	·179	87	
FORFAR—															
†Montrose - - -	200	...	42·6	32·4	37·5	-3·5	53	7th	22	27th	...	...	...	...	...
Arbroath - - -	70	29·828	44·5	33·5	39·0	-2·3	55	7th	24	27th	38·0	2·4	·183	80	
†Lednathie - - -	720	...	40·9	29·2	35·1	-3·8	55	6th	16	27th	...	...	...	...	...
†Carnoustie - - -	39	...	43·4	32·8	38·1	...	54	7th	22	21st	...	...	...	...	...
Dundee, E. Necropolis - - -	164	29·729	41·0	30·5	35·8	-4·9	53	7th	21	27th	35·1	1·2	·181	88	
†Dundee Harbour - - -	20	...	42·7	33·8	38·3	-3·8	55	7th	26	15th	...	...	...	...	...
†Dundee, Coll. Gdn. - - -	244	...	42·7	30·5	36·6	...	52	6th	21	15th, 27th	34·6	1·3	·175	87	
Balruddery - - -	276	...	...	...	...	...	...	...	...	...	...	...	...	...	...
†Kettins - - -	218	...	41·8	27·4	34·6	...	53	7th	17	27th	33·5	1·8	·155	81	
PERTH—															
Perth - - -	82	29·825	41·5	28·2	34·9	-6·0	54	7th	15	16th, 18th	33·4	1·3	·165	86	
Crieff - - -	436	29·445	42·5	29·8	36·2	-4·8	54	6th	21	21st, 27th	35·7	2·1	·171	82	
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—															
†St Andrews - - -	20	...	43·6	30·1	36·9	...	56	7th	21	27th	...	...	...	...	...
†Cupar - - -	210	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lathallan - - -	522	29·329	41·6	30·9	36·3	...	52	7th	23	21st	35·1	1·5	·175	85	
†Kirkcaldy - - -	100	29·803	44·7	32·3	38·5	...	56	7th	24	15th	36·7	1·7	·185	85	
STIRLING—Buchlyvie - - -	125	29·792	40·8	26·2	33·5	-6·1	53	7th	11	18th	32·8	0·8	·170	91	
DUMBARTON—															
†Helensburgh - - -	22	...	43·5	28·9	36·2	-5·0	53	6th, 7th	14	17th	...	...	...	...	...
†Kilmahew - - -	130	...	42·9	28·4	35·7	...	53	7th	14	18th	...	...	...	...	...
†Dumbarton - - -	27	29·910	42·1	28·8	35·5	-6·2	53	6th, 7th	14	17th	34·4	1·5	·169	85	
ARGYLL—															
Ardornish - - -	40	29·897	44·9	32·6	38·8	...	54	6th	20	16th	36·1	1·7	·181	85	
†Lochbuie - - -	20	...	45·4	32·9	39·2	-4·8	54	6th, 7th	22	15th, 17th	...	...	...	...	...
§Oban - - -	23	29·925	44·9	33·5	39·2	-4·6	53	5th, 6th, 7th	24	17th, 18th	38·1	2·4	·184	80	
†Poltalloch - - -	135	...	43·9	30·6	37·3	-5·6	53	6th	18	17th, 18th	...	...	...	...	...
Ardnadarn - - -	64	...	41·6	32·4	37·0	...	53	6th	19	17th	...	...	...	...	...
BUTE—Rothesay - - -	187	29·742	43·6	34·8	39·2	-3·4	51	6th, 7th	28	16th, 17th	39·0	2·2	·195	83	
RENFREW—															
†Greenock - - -	233	29·669	43·5	31·6	37·6	-4·2	52	6th, 7th	21	18th	36·8	0·9	·201	93	
Paisley - - -	107	29·825	41·9	29·7	35·8	-6·5	53	6th, 7th	13	17th	35·3	1·7	·174	84	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.								
	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with							Number of Observations at 9 a.m. and 9 p.m.								
				Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
		inch.	inch.	inch.																	
7.3	26	4.13	...	0.91	10th	7	0	0	0	10	0	4	15	5	2	2	5	8	2	14	7
6.6	25	3.90	-0.06	0.80	9th	6	9	1	1	10	0	2	12	3	2	4	7	5	7	15	5
6.6	24	3.87	-0.44	1.00	9th	3	1	1	1	6	0	4	2	10	4	4	7	5	2	24	2
6.6	22	3.78	+0.94	1.42	9th	6	6	0	0	5	0	2	16	5	1	3	7	5	13	8	2
6.1	17	4.32	+1.12	1.00	9th	...	...	...	3	10	...	0	42	0	0	3	0	1	0	9	5
6.5	19	3.33	...	1.85	9th	5	0	0	1	12	0	0	6	2	2	0	2	0	48	0	0
5.3	14	2.11	-0.83	0.68	9th	4	0	0	6	10	0	1	5	2	2	0	1	14	19	2	15
6.8	21	4.93	-4.12	0.70	8th	6	0	0	5	16	0	0	14	3	21	0	0	0	19	0	15
6.9	21	4.69	-0.72	1.26	30th	5	5	0	0	13	0	4	23	3	2	2	11	5	8	5	1
6.8	21	3.58	...	0.67	8th	3	5	0	0	15	0	0	19	5	4	7	8	5	7	4	1
6.4	15	2.61	+0.17	1.17	9th	5	1	0	3	11	6	1	7	7	6	0	2	12	18	8	0
6.7	18	2.69	-1.57	1.08	9th	4	0	0	4	15	1	1	4	10	2	1	7	28	4	4	0
5.9	11	2.51	-5.71	0.75	8th	2	0	0	8	11	5	0	0	12	11	1	2	14	0	2	18
6.0	15	3.31	+0.36	2.20	9th	6	0	0	4	12	0	0	4	9	4	1	1	5	16	6	14
7.5	23	2.68	+0.47	1.50	9th	5	1	0	0	13	0	4	11	4	1	1	1	4	11	8	19
7.3	20	4.04	+1.18	1.86	9th	3	7	0	1	10	1	2	1	5	0	2	11	20	7	14	0
7.1	21	2.86	...	0.75	9th	5	8	0	2	10	0	2	14	3	1	0	16	3	4	9	10
6.1	12	4.28	+0.42	2.29	9th	6	0	0	3	7	0	1	16	4	10	0	12	14	0	4	0
6.2	13	4.36	...	2.18	9th	6	0	0	1	7	0	3	8	4	2	0	4	22	8	12	0
...	17	3.76	...	0.93	9th	13	0	0	...	...	0	0	16	8	6	4	2	0	2	4	18
5.8	17	4.90	+1.91	1.38	9th	13	0	0	4	10	0	0	4	4	4	6	0	1	5	34	2
5.4	2	2.74	-0.48	0.71	10th	8	3	0	0	7	0	0	4	1	1	2	7	7	13	21	4
6.5	15	3.10	...	0.95	29th	9	0	0	5	13	0	0	2	0	2	8	14	6	10	16	2
...	10	1.85	-0.92	0.78	29th	3	0	0	...	...	0	1	32	0	2	2	12	4	0	8	0
5.9	10	1.43	-0.89	0.47	8th	1	0	0	6	8	7	3	13	5	1	5	1	6	10	19	0
...	9	4.06	-0.75	2.13	29th	1	0	0	...	...	1	1	2	14	0	0	0	8	6	30	0
...	12	1.60	...	0.68	29th	1	0	0	...	...	0	0	17	4	1	1	3	3	17	14	0
7.7	9	1.59	-0.98	0.82	29th	0	0	0	1	16	0	2	3	6	0	2	0	15	0	34	0
...	9	1.71	...	0.89	29th	0	0	0	...	...	0	0	2	8	0	0	0	8	14	28	0
6.5	9	1.85	...	1.05	29th	1	0	0	5	9	4	1	14	6	0	0	0	4	16	18	2
...	6	1.94	...	0.95	29th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4.9	11	2.53	...	1.54	29th	1	0	0	8	8	1	0	10	0	...	...	...	...	...	...	...
4.9	6	1.92	-0.98	0.81	29th	2	0	0	6	5	6	1	9	6	0	7	0	11	1	17	9
6.2	10	2.88	-1.52	1.26	29th	2	0	0	4	12	0	2	16	9	12	1	1	2	8	11	0
...	...	3.43	-4.18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	8	1.69	...	0.68	29th	0	1	0	...	...	0	0	0	8	0	0	0	18	14	20	0
...	11	2.04	-0.55	0.85	29th	1	0	0	...	...	0	1	14	2	0	0	4	6	4	30	0
5.3	7	1.88	...	0.65	8th	2	1	0	5	7	0	1	12	4	1	2	4	12	6	19	0
5.1	10	1.64	...	0.78	8th	2	0	0	8	6	0	0	...	...	...	...	...	...	...	...	...
4.9	1	2.93	-2.08	0.83	8th	2	0	0	4	4	4	0	0	4	5	2	1	14	10	3	21
6.3	7	2.78	-1.97	0.83	8th	2	0	0	4	12	4	1	0	0	4	0	0	4	6	2	44
...	8	2.46	...	0.72	8th	3	0	0	...	...	3	0	8	6	4	2	0	2	6	6	26
5.4	8	3.12	-1.83	0.83	8th	2	0	0	8	10	8	0	8	0	2	0	0	8	2	6	34
5.8	17	4.17	...	1.20	8th	2	0	0	4	10	0	0	10	13	10	5	10	1	3	3	5
...	13	4.93	...	1.46	8th	3	0	0	...	...	0	0	20	20	4	0	6	4	0	6	0
4.9	11	3.26	...	0.90	8th	2	0	0	9	9	0	0	4	12	9	1	0	7	1	11	15
...	11	4.10	-1.26	1.50	8th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6.0	10	4.17	...	1.14	8th	2	0	0	4	13	2	1	7	4	2	6	3	7	2	13	16
5.7	12	2.81	-2.04	0.87	8th	1	0	0	5	10	8	1	3	16	4	3	4	2	7	21	0
6.4	9	3.22	-3.08	0.83	8th	4	1	0	1	6	12	0	0	3	6	9	0	7	23	10	2
6.8	1	2.67	-1.32	0.83	27th	3	0	0	2	13	15	0	4	2	3	0	3	4	10	10	24

STATIONS.	Height of Station above Sea-level.	BARO-METER.	AIR TEMPERATURE.								HYGROMETER.				
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			Maximum.	Minimum.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
AYR—															
†Kilmarnock Agricul- tural College - - -	feet. 90	inch. ...	42·8	27·4	35·1	-7·4	52	6th, 7th	15	16th	34·2	1·2	·174	8·	
†Turnberry - - -	97	29·837	45·2	32·8	39·0	-5·6	55	8th	22	16th, 17th	37·9	2·1	·188	8·	
†Benwhat - - -	1177	...	...	...	...	...	...	...	...	...	...	...	...	...	...
†Colmonell - - -	150	29·779	45·0	30·5	37·8	-5·3	53	5th	17	18th	35·6	1·2	·187	8·	
LANARK—															
Glasgow, Belvidere -	54	...	41·7	30·3	36·0	-6·3	53	6th, 7th	16	16th	...	...	...	...	...
Glasgow Observatory -	184	29·724	41·3	31·2	36·3	-6·0	52	7th	17	17th	35·5	1·8	·174	8·	
*Glasgow, Springburn Park - - -	355	29·536	41·2	28·6	34·9	...	51	6th, 7th	18	16th, 19th	34·2	1·5	·168	8·	
†Thorntonhall - - -	440	...	41·1	26·5	33·8	...	56	6th	13	16th	32·1	0·9	·161	8·	
†Hamilton - - -	140	...	41·4	27·8	34·6	...	54	7th	16	16th, 17th	...	...	...	...	...
†Dungavel - - -	800	...	40·0	28·8	34·4	...	49	7th	21	16th	...	...	...	...	...
†Leadhills - - -	1310	...	39·1	26·4	32·8	-4·1	49	7th	16	14th, 15th	...	...	...	...	...
LINLITHGOW—															
Bangour - - -	584	29·278	40·7	27·8	34·3	...	50	6th, 7th	19	15th, 16th, 18th	33·4	1·2	·167	8·	
EDINBURGH—															
Edinburgh, Blackford	441	29·439	42·4	31·8	37·1	-4·0	53	10th, 11th	23	29th	36·9	2·2	·179	8·	
†Edinburgh, Liberton -	190	...	42·5	31·1	36·8	...	53	7th	20	18th, 27th	36·3	2·0	·177	8·	
†Edinburgh, Univ. -	227	...	42·4	32·7	37·6	...	52	7th	25	29th	37·2	1·9	·185	8·	
†Leith - - -	76	29·837	42·4	32·3	37·4	-5·0	51	7th	23	21st	36·9	1·9	·183	8·	
Dalkeith - - -	190	...	41·7	30·9	36·3	-5·2	52	7th	20	16th	...	...	...	...	...
BERWICK—															
Marchmont - - -	500	29·388	41·8	30·2	36·0	-3·9	52	7th	19	29th	36·0	1·6	·182	8·	
Duns - - -	500	...	42·2	31·7	37·0	-3·1	54	7th	20	29th	...	...	...	...	...
PEEBLES—															
†West Linton - - -	770	...	39·1	23·7	31·4	...	49	7th	10	18th, 21st	30·6	0·4	·160	9·	
†Glen - - -	754	...	40·3	26·8	33·6	-5·1	51	7th	15	15th, 17th	33·1	1·6	·156	8·	
ROXBURGH—															
†Kelso (Broomlands) -	195	...	41·4	27·9	34·7	-6·0	55	7th	17	27th	...	...	...	...	...
Wolfelee - - -	537	...	40·2	25·9	33·1	-6·9	51	7th	14	16th	34·4	1·5	·169	8·	
DUMFRIES—															
Eskdalemuir - - -	778	29·072	39·4	25·2	32·3	...	49	7th	12	17th	32·3	1·4	·152	8·	
†Drumlanrig - - -	191	...	42·9	27·7	35·3	-5·7	55	7th	14	17th	...	...	...	...	...
Dumfries - - -	155	29·765	41·8	30·0	35·9	-6·0	53	7th	18	17th	34·5	1·5	·170	8·	
Comlongon - - -	74	29·859	43·1	28·9	36·0	...	53	7th	12	17th	34·0	1·3	·170	8·	
KIRKCUDBRIGHT—															
Cargen - - -	85	29·841	42·5	28·8	35·7	-6·1	53	7th	13	17th	...	...	...	...	...
Cally - - -	120	...	44·3	28·9	36·6	-5·5	53	1st	14	17th	35·4	1·3	·182	8·	

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

BRIGHT SUNSHINE.

NOVEMBER 1915.	Total Observed.	Difference from Average.	Percentage of Possible.	NOVEMBER 1915.	Total Observed.	Difference from Average.	Percentage of Possible.
	Hours.	Hours.	%		Hours.	Hours.	%
Baltasound - - -	...	...	...	St Andrews - - -	80	...	34
Deerness - - -	36	- 2	16	Oban - - -	80	...	34
Strathpeffer - - -	43	0	19	Helensburgh - - -	72	...	30
Stornoway - - -	50	+ 8	22	Cardross (Kilmahew)	63	...	26
Castlebay (Barra) -	52	...	22	Rothsay - - -	89	...	37
Fortrose - - -	47	...	20	Paisley - - -	49	+13	20
Inverness - - -	24	...	10	Glasgow Observatory	47	+21	20
Fort-Augustus - - -	37	+16	16	Do., Springburn Park	63	...	26
Nairn - - -	42	...	18	Thorntonhall - - -	57	...	24
Gordon Castle - - -	40	...	17	Kilmarnock - - -	56	...	23
Banff - - -	48	...	20	Turnberry - - -	98	...	40
Carrbridge - - -	42	...	18	Edinburgh - - -	71	+ 6	30
Aberdeen (King's Col.)	51	- 4	22	West Linton - - -	65	...	27
Crathes - - -	57	...	24	Marchmont - - -	56	+ 5	24
Carnoustie - - -	69	...	29	Duns - - -	70	...	29
Dundee (Coll. Gdn.)	86	...	36	Eskdalemuir - - -	88	...	36
Balruddery - - -	88	...	37	Dumfries - - -	66	...	27
Perth - - -	76	...	32	Comlongon - - -	80	...	33



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.							WIND DIRECTIONS.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
					Amount.	Day of Month.																
7.8	14	inch. 1.69	inch. ...	inch. 0.72	8th	1	0	0	2	20	17	0	0	0	6	28	2	6	4	4	4	6
6.5	10	1.21	-2.57	0.45	8th	1	2	0	4	13	0	1	6	18	8	12	6	4	4	4	4	6
...	7	2.51	...	1.08	8th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5.2	13	1.86	-3.06	0.47	8th	1	0	0	10	9	1	0	8	6	18	4	0	6	10	6	...	2
...	8	1.40	-2.17	0.43	8th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7.8	10	1.97	-1.68	0.58	8th	4	0	0	0	19	7	0	10	11	5	3	4	8	10	7	...	2
5.9	9	1.81	...	0.63	8th	5	1	0	2	7	14	0	0	11	9	5	6	7	11	8	3	...
6.2	11	1.93	...	0.53	8th	1	0	0	3	9	2	1	2	6	2	22	4	12	0	4	8	...
8.1	8	1.55	...	0.50	8th	3	0	0	0	15	5	0	0	16	0	10	0	18	0	12	4	...
...	12	2.47	...	0.98	8th	4	0	0	...	...	0	0	2	2	30	6	0	10	8	2	0	...
...	11	3.38	...	0.94	8th	4	0	0	...	...	0	0	4	0	0	2	6	2	6	0	40	...
5.8	11	1.32	...	0.42	8th	3	0	0	0	5	0	0	4	9	1	0	0	11	9	26	0	...
5.6	10	1.00	-1.30	0.37	8th	3	2	0	4	8	1	0	3	3	1	1	4	8	19	9	12	...
6.7	13	1.05	...	0.40	8th	3	2	0	6	16	8	0	2	0	4	6	2	16	12	10	8	...
...	10	0.95	-1.30	0.30	8th	4	2	0	...	...	3	0	...	...	...	...	...	...	...	...	...	...
6.4	9	0.88	-1.43	0.37	8th	2	1	0	6	15	4	0	2	4	4	0	2	8	30	2	8	...
6.7	9	1.08	...	0.43	8th	2	0	0	2	13	0	0	6	1	4	10	10	12	7	10	0	...
4.7	17	2.66	-0.59	0.44	29th	4	1	0	9	6	0	0	7	3	5	0	0	1	37	7	0	...
...	14	2.97	-0.02	0.69	2nd	3	0	0	...	...	0	0	4	7	4	6	5	25	2	7	0	...
5.6	14	1.97	...	0.56	8th	4	1	0	6	9	0	1	4	4	12	0	2	6	28	4	0	...
...	13	2.40	...	0.58	29th	3	1	0	...	...	0	0	7	3	1	0	3	6	14	26	0	...
5.9	15	1.93	-0.61	0.39	12th	3	0	0	...	...	0	0	0	10	8	0	2	32	8	0	0	...
5.8	15	1.67	-2.37	0.63	8th	2	0	0	0	4	0	1	3	17	0	0	1	17	13	9	0	...
6.3	14	3.82	...	1.26	8th	6	1	0	2	10	2	1	15	6	1	1	5	5	2	8	17	...
...	12	2.58	-1.97	0.83	9th	1	0	0	...	...	0	1	26	4	2	6	4	4	2	12	0	...
4.6	9	2.03	-1.76	0.70	8th	2	0	0	6	8	3	1	18	7	0	1	4	6	6	18	0	...
4.3	7	1.60	...	0.75	8th	1	0	0	7	7	0	1	11	7	4	5	0	7	0	13	13	...
4.7	9	2.86	-1.49	1.07	8th	2	0	0	10	10	4	0	24	2	4	0	8	0	3	19	0	...
4.0	9	3.22	-2.04	0.83	8th	1	1	0	7	4	0	0	6	24	1	17	0	2	1	9	0	...

EARTH TEMPERATURES.

NOVEMBER 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - - -	...	...	...
Dunrobin - - - -	39.9	...	...
Inverness - - - -	39.4	...	...
Aberdeen - - - -	...	45.2	...
Crathes - - - -	39.2	44.1	...
Dundee (Coll. Garden) - -	37.9	...	...
St Andrews - - - -	38.1	45.2	...
Rothesay - - - -	38.9	45.9	...
Paisley - - - -	39.5	47.7	...
Edinburgh, University - -	38.4	45.3	52.0
Do. Liberton - - - -	38.0	...	...
Dumfries - - - -	38.2	45.2	...

STATIONS.	Height of Station above Sea-level.	BARO-METER.  Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	AIR TEMPERATURE.							HYGROMETER				
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.			
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.
	feet.	inch	°	°	°	°	°		°		°	°	inch.	%
SHETLAND—														
†Baltasound - - -	31		...	...	...	...	...	...	...	...	...	...	...	...
*Lerwick - - -	59	29.527	38.9	32.1	35.5	-4.1	46	31st	27	4th, 24th, 25th	36.3	1.0	.196	92
ORKNEY—														
Deerness - - -	163	29.333	40.9	34.7	37.8	-1.9	46	31st	29	4th, 5th	37.7	1.1	.205	90
†Kirkwall - - -	72	29.429	40.8	34.5	37.7	-3.1	46	30th, 31st	25	5th	...	...	...	...
CAITHNESS—														
*Wick - - -	94	29.408	41.8	32.3	37.1	-1.3	47	31st	19	5th, 6th	37.8	0.6	.214	95
SUTHERLAND—														
Dunrobin - - -	16	...	40.9	31.5	36.2	-2.5	51	31st	23	5th	37.1	1.3	.195	88
ROSS & CROMARTY—														
Fortrose - - -	69	...	40.6	33.1	36.9	...	50	31st	23	5th	36.6	1.1	.196	91
Strathpeffer - - -	210	29.286	41.3	31.7	36.5	+0.1	53	31st	19	4th, 5th	36.3	1.6	.185	86
Glencarron - - -	504	28.950	39.6	31.2	35.4	-1.6	52	31st	17	9th	36.2	1.6	.184	86
*Stornoway - - -	52	29.436	42.1	34.5	38.3	-1.0	50	31st	23	5th	38.6	0.7	.221	95
INVERNESS—														
*Castlebay - - -	48	29.408	45.0	38.5	41.8	+0.1	50	31st	31	12th	42.7	2.2	.228	84
Inverness - - -	114	29.382	41.0	33.2	37.1	-1.6	53	31st	20	5th	36.6	1.5	.188	87
Fort-Augustus - - -	73	29.418	41.0	32.4	36.7	-1.3	53	31st	16	4th, 9th	37.0	1.0	.200	91
Fort-William - - -	38	29.452	41.8	33.1	37.5	-1.9	53	31st	19	4th, 9th	37.9	2.0	.190	83
Kingussie - - -	828	28.606	38.0	28.5	33.3	-2.1	48	31st	9	4th	33.9	1.2	.171	87
NAIRN—§Nairn - - -	82	29.416	40.1	30.9	35.5	-2.0	51	31st	18	5th, 6th	36.1	1.1	.192	90
ELGIN OR MORAY—														
Gordon Castle - - -	107	29.393	40.4	32.1	36.3	-2.5	50	31st	15	5th	36.6	0.8	.201	93
BANFF—†Banff - - -	64	29.443	41.7	33.1	37.4	...	51	31st	16	5th	37.4	0.9	.206	93
ABERDEEN—														
Braemar - - -	1114	28.316	37.1	27.5	32.3	-2.2	44	26th, 31st	10	4th, 5th	33.1	1.4	.160	84
†Balmoral - - -	927	28.514	39.2	28.2	33.7	-1.3	45	30th	8	5th	32.7	1.6	.152	82
†Logie Coldstone - - -	608	...	38.4	29.4	33.9	-1.9	45	31st	11	5th	...	...	...	...
Loanhead - - -	747	28.705	38.3	29.9	34.1	-2.2	45	31st	15	4th	35.6	0.9	.193	92
Aberdeen, King's Coll. - - -	88	29.414	41.4	34.5	38.0	0.0	47	31st	26	5th	37.6	1.4	.198	88
KINCARDINE—														
†Crathes - - -	145	29.381	40.2	30.2	35.2	-1.7	48	31st	21	4th, 5th	35.5	0.9	.191	92
FORFAR—														
†Montrose - - -	200	...	40.8	32.5	36.7	-1.3	47	31st	25	4th, 5th, 9th	...	...	...	...
Arbroath - - -	70	29.437	41.9	34.4	38.2	-0.7	47	31st	25	4th	38.7	1.6	.204	87
†Lednathie - - -	720	...	38.6	30.5	34.7	-0.7	45	31st	17	4th	...	...	...	...
†Carnoustie - - -	39	...	40.9	34.3	37.6	...	46	31st	26	9th	...	...	...	...
Dundee, E. Necropolis - - -	164	29.327	40.0	32.6	36.3	-1.2	48	23rd	25	3rd, 4th, 9th	36.3	0.7	.201	94
†Dundee Harbour - - -	20	...	41.5	34.8	38.2	-0.8	47	30th	29	4th, 5th, 9th	...	...	...	...
†Dundee, Coll. Gdn. - - -	244	...	40.6	32.8	36.7	...	47	30th	23	9th	35.5	0.9	.191	92
Balruddery - - -	276	...	...	...	...	...	...	...	...	...	...	...	...	...
†Kettins - - -	218	...	40.2	29.9	35.1	...	52	31st	17	4th	34.9	0.7	.189	93
PERTH—														
Perth - - -	82	29.409	40.2	31.9	36.1	-1.8	49	31st	19	4th	35.6	0.9	.193	92
Crieff - - -	436	29.038	39.9	31.6	35.8	-1.3	48	31st	22	4th, 9th	36.3	1.2	.192	90
†Stronvar - - -	422	...	...	...	...	...	...	...	...	...	...	...	...	...
FIFE—														
†St. Andrews - - -	20	...	42.2	32.4	37.3	...	51	31st	21	4th	...	...	...	...
†Cupar - - -	210	...	...	...	...	...	...	...	...	...	...	...	...	...
Lathallan - - -	522	28.928	39.3	32.5	35.9	...	47	31st	22	9th	35.9	0.9	.194	92
†Kirkcaldy - - -	100	29.387	42.6	34.8	38.7	...	53	31st	26	9th	38.0	1.0	.208	91
STIRLING—Buchlyvie - - -	125	29.375	40.7	31.8	36.3	-0.9	51	31st	17	9th	36.6	0.9	.199	92
DUMBARTON—														
†Helensburgh - - -	22	...	42.9	33.7	38.3	-0.5	52	31st	23	9th	...	...	...	...
†Kilmahew - - -	130	...	43.1	34.0	38.6	...	51	31st	25	9th, 10th	...	...	...	...
†Dumbarton - - -	27	29.478	43.0	34.7	38.9	-0.4	53	31st	23	9th	39.0	1.5	.209	88
ARGYLL—														
Ardtornish - - -	40	29.450	42.8	33.6	38.2	...	52	31st	20	4th, 5th	38.3	1.8	.196	85
†Lochbuie - - -	20	...	44.3	34.4	39.4	-1.9	52	31st	24	19th	...	...	...	...
§Oban - - -	23	29.470	43.6	35.2	39.4	-2.2	52	31st	22	5th	39.3	2.3	.196	82
†Poltalloch - - -	135	...	42.3	33.8	38.1	-1.4	50	31st	21	5th	...	...	...	...
Ardnamadam - - -	64	...	42.1	35.4	38.8	...	51	31st	26	9th	...	...	...	...
BUTE—Rothesay - - -	187	29.300	42.8	35.4	39.1	-0.9	49	31st	29	9th, 18th, 19th	39.7	1.4	.216	88
RENFREW—														
†Greenock - - -	233	29.231	43.2	34.3	38.8	-0.6	54	31st	26	9th, 10th	39.4	1.2	.218	91
Paisley - - -	107	29.385	42.2	34.9	38.6	-0.9	52	31st	26	9th	38.8	1.4	.209	89

\* At 7 a.m. and 9 p.m.

† At 9 a.m. only.

§ At 7 a.m. and 6 p.m.

‡ At 9 a.m. and 6 p.m.



OBSERVATIONS IN SCOTLAND.—DECEMBER 1915

CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Number of Days with								Number of Observations at 9 a.m. and 9 p.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Amount.	Day of Month.	Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			inch.	inch.	inch.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

STATIONS.	Height of Station above Sea-level.	BARO-METER.  Mean at Station at 32° Fahr. at 9 a.m. and 9 p.m.	AIR TEMPERATURE.								HYGROMETER.				
			Mean of		Mean of A and B.	Difference from Average.	Absolute Maximum and Minimum.				Mean at 9 a.m. and 9 p.m.				
			A.	B.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	
AYR—															
†Kilmarnock Agricultural College	90	inch.	°	°	°	°	°		°		°	°	inch.	%	
†Turnberry	97	29.401	42.8	32.8	37.8	-1.4	53	31st	22	9th, 19th	38.3	1.0	.211	90	
†Benwhat	1177		44.6	36.0	40.3	-2.3	53	31st	28	9th, 19th	40.0	1.4	.218	88	
†Colmonell	150	29.346	44.0	34.2	39.1	-1.1	49	22nd, 30th, 31st	22	19th	38.9	0.9	.219	90	
LANARK—															
Glasgow, Belvidere	54	...	42.4	34.9	38.7	-0.6	53	31st	26	19th	38.7	1.5	.206	88	
Glasgow Observatory	184	29.286	42.0	35.7	38.9	+0.1	52	31st	27	9th	38.7	1.5	.206	88	
*Glasgow, Springburn Park	355	29.107	41.3	33.5	37.4	...	51	31st	24	10th	37.2	1.3	.196	88	
†Thorntonhall	440	...	40.9	31.0	36.0	...	53	31st	21	9th, 20th	36.0	0.6	.201	90	
†Hamilton	140	...	42.3	33.3	37.8	...	54	31st	23	19th	...	...	...	...	
†Dungavel	800	...	40.0	32.3	36.2	...	50	31st	23	3rd	...	...	...	...	
†Leadhills	1310	...	39.7	30.2	35.0	+1.1	46	31st	20	3rd, 9th, 19th	...	...	...	...	
LINLITHGOW—															
Bangour	584	28.862	39.8	31.9	35.9	...	51	31st	21	9th	35.8	1.1	.191	90	
EDINBURGH—															
Edinburgh, Blackford	441	29.022	42.3	34.6	38.5	+0.4	51	31st	28	9th, 19th	38.1	1.3	.203	88	
†Edinburgh, Liberton	190	...	42.5	34.1	38.3	...	53	31st	24	9th	37.9	1.2	.205	90	
†Edinburgh, Univ.	227	...	43.4	35.4	39.4	...	53	31st	29	9th, 10th	39.2	1.6	.208	87	
†Leith	76	29.425	42.6	35.4	39.0	-0.6	53	31st	27	9th, 10th	38.6	1.3	.209	90	
Dalkeith	190	...	41.9	34.5	38.2	-0.1	51	31st	25	9th	...	...	...	...	
BERWICK—															
Marchmont	500	28.963	40.6	31.6	36.1	-0.5	50	31st	25	9th, 13th	36.4	0.6	.204	90	
Duns	500	...	41.4	32.1	36.8	+0.1	53	31st	23	9th	...	...	...	...	
PEEBLES—															
†West Linton	770	...	39.8	29.7	34.8	...	50	31st	14	19th	35.5	0.8	.193	90	
†Glen	754	...	40.2	31.2	35.7	-0.1	51	31st	20	9th, 19th	...	...	...	...	
ROXBURGH—															
†Kelso (Broomlands)	195	...	41.8	31.0	36.4	-1.3	51	31st	23	9th	...	...	...	...	
Wolfelee	537	...	41.0	31.1	36.1	-0.8	51	31st	20	9th, 19th	36.2	0.9	.197	90	
DUMFRIES—															
Eskdalemuir	778	28.657	40.5	31.1	35.8	...	49	31st	17	9th	35.8	1.0	.193	90	
†Drumlanrig	191	...	42.3	33.4	37.9	-0.1	51	30th, 31st	21	19th	...	...	...	...	
Dumfries	155	29.355	42.5	34.1	38.3	-0.5	53	31st	22	9th	38.1	1.2	.205	88	
Comlongon	74	29.449	43.6	33.2	38.4	...	53	31st	24	9th	...	...	...	...	
KIRKCUDBRIGHT—															
Cargen	85	29.413	42.8	33.5	38.2	-0.6	53	31st	21	9th	...	...	...	...	
Cally	120	...	43.2	33.6	38.4	-0.9	50	31st	21	19th	39.0	1.1	.216	90	

\* At 7 a.m. and 9 p.m. † At 9 a.m. only.

BRIGHT SUNSHINE.

DECEMBER 1915.	Total Observed.	Difference from Average.	Percentage of Possible.	DECEMBER 1915.	Total Observed.	Difference from Average.	Percentage of Possible.
	Hours.	Hours.	%		Hours.	Hours.	%
Baltasound	...	...	...	St Andrews	24	...	11
Deerness	15	-10	8	Oban	31	...	15
Strathpeffer	14	-15	7	Helensburgh	33	...	15
Stornoway	24	0	12	Cardross (Kilmahew)	28	...	13
Castlebay (Barra)	18	...	9	Rothsay	28	...	13
Fortrose	20	...	10	Paisley	21	-1	10
Inverness	5	...	2	Glasgow Observatory	22	+7	10
Fort-Augustus	10	0	5	Do., Springburn Park	29	...	14
Nairn	17	...	8	Thorntonhall	17	...	8
Gordon Castle	15	...	7	Kilmarnock	20	...	9
Banff	14	...	7	Turnberry	27	...	13
Carrbridge	15	...	7	Edinburgh	25	-15	12
Aberdeen (King's Col.)	20	-17	10	West Linton	22	...	10
Crathes	11	...	5	Marchmont	22	-13	10
Carnoustie	21	...	10	Duns	25	...	12
Dundee (Coll. Gdn.)	23	...	11	Eskdalemuir	25	...	12
Balruddery	18	...	9	Dumfries	33	...	15
Perth	19	...	9	Comlongon	37	...	17



CLOUD.	RAIN, AND OTHER FORMS OF PRECIPITATION.					WEATHER.								WIND DIRECTIONS.									
	Mean at 9 a.m. and 9 p.m. Scale 0-10.	No. of Days.	Total Fall.	Difference from Average.	Most in a Day.		Snow.	Hail.	Thunderstorm.	Clear Sky.	Overcast.	Fog.	Gale.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
Amount.					Day of Month.																		
9.3	27	inch. 4.74	...	inch. 0.77	10th	5	0	0	1	26	13	0	4	4	20	6	10	2	6	6	4		
8.8	23	4.00	+0.30	0.43	10th	1	1	0	1	24	0	1	6	26	6	0	10	6	0	8	0		
...	19	8.48	...	1.54	5th	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
8.5	24	6.74	+1.84	0.74	30th	2	0	0	0	23	2	1	0	12	14	6	2	4	14	4	6		
...	23	4.67	+0.80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
8.9	24	5.54	+1.41	0.88	10th	4	0	0	0	25	0	0	3	21	13	3	4	7	9	2	0		
7.6	24	5.20	...	0.95	10th	7	1	0	0	16	3	0	2	13	15	5	5	7	10	3	2		
8.0	25	5.32	...	1.13	10th	4	0	0	1	17	1	1	2	16	0	18	0	12	2	6	6		
8.4	23	3.84	...	0.74	10th	3	0	0	0	22	0	0	2	16	0	22	6	4	2	8	2		
...	27	6.24	...	0.65	10th	5	0	0	...	...	1	0	6	2	14	10	16	8	4	2	0		
...	25	9.73	...	1.40	31st	7	0	0	...	...	0	1	2	0	0	6	16	4	6	0	28		
7.2	25	4.70	...	1.25	10th	5	0	0	0	12	8	0	3	11	11	8	2	12	5	10	0		
7.5	24	4.34	+2.10	0.75	10th	6	0	0	0	17	3	0	2	5	8	10	8	6	11	3	9		
8.7	25	4.25	...	0.78	10th	3	0	0	2	24	6	0	0	0	22	4	0	14	12	6	4		
...	24	4.45	+2.17	0.89	10th	5	0	0	...	...	3	0	...	...	...	...	...	...	...	...	...		
...	22	4.20	+1.91	0.64	10th	5	1	0	0	19	3	0	4	4	12	12	4	10	14	0	2		
8.4	20	3.74	...	0.63	10th	5	0	0	0	20	0	0	16	7	3	7	11	10	6	2	0		
7.8	24	6.75	+3.75	1.17	5th	5	0	0	2	21	0	0	9	4	22	0	0	10	12	5	0		
7.5	24	6.62	+3.56	1.00	5th	4	0	0	2	15	0	0	2	26	1	7	3	11	3	9	0		
8.9	26	4.45	...	0.67	10th	7	0	0	1	23	4	2	0	2	26	2	2	8	16	4	2		
...	26	7.04	...	1.00	5th	6	0	0	...	...	0	1	8	1	5	9	14	4	19	2	0		
8.2	23	4.19	+1.87	0.54	27th	1	0	0	0	16	0	0	4	6	10	2	10	28	2	0	0		
7.7	26	5.68	+1.41	1.01	31st	6	0	0	0	14	0	1	2	14	5	5	5	20	2	9	0		
8.1	26	7.91	...	1.22	31st	8	0	0	0	19	1	0	9	10	4	3	9	7	3	5	12		
...	24	7.53	+2.80	1.00	5th	4	0	0	...	...	0	1	24	0	2	4	20	8	0	4	0		
7.5	26	6.40	+2.21	1.20	5th	4	0	0	2	17	5	0	6	13	5	5	5	13	4	11	0		
7.4	25	6.48	...	0.98	5th	3	0	0	2	16	2	0	4	12	13	4	2	6	4	7	10		
7.9	24	8.77	+3.85	1.53	5th	3	0	0	2	20	2	1	5	11	12	6	10	5	4	9	0		
6.8	23	8.02	+2.66	1.16	5th	3	4	0	0	13	0	0	1	14	3	17	0	7	0	20	0		

EARTH TEMPERATURE.

DECEMBER 1915.	1 ft.	4 ft.	12 ft.
Baltasound - - - -	...	...	...
Dunrobin - - - -	36.1	...	...
Inverness - - - -	36.3	...	...
Aberdeen - - - -	...	40.8	...
Crathes - - - -	35.3	38.5	...
Dundee (Coll. Garden) - -	34.9	...	...
St Andrews - - - -	36.3	40.3	...
Rothsay - - - -	38.1	42.3	...
Paisley - - - -	37.7	43.1	...
Edinburgh (University) -	36.2	40.6	50.0
Do. Liberton - - - -	35.8	...	...
Dumfries - - - -	36.4	39.9	...



## LIST OF STATIONS AND OBSERVERS.

Station.	Observer.	Station.	Observer.
<b>SHETLAND—</b>		<b>DUMBARTON—</b>	
Baltasound - - -	T. Edmonston Saxby, L.R.C.S. Edin.	Helensburgh - - -	J. N. Stirling, Water Trus
Lerwick - - -	The Meteorological Office.	Dumbarton - - -	William Denny and Brothe
<b>ORKNEY—</b>		Kilmahew - - -	Claud A. Allan.
Deerness - - -	M. Spence.	<b>ARGYLL—</b>	
Kirkwall - - -	A. G. Spence.	Ardnadam - - -	Rev. J. Cairns Mitchell, B.
<b>CAITHNESS—</b>		Ardtornish - - -	W. D. Besant, for G. Cra
Wick - - -	The Meteorological Office.	Lochbuie - - -	Sellar.
<b>SUTHERLAND—</b>		Oban - - -	E. Lovesey, for the Maclain
Dunrobin - - -	D. Melville, for the Duke of Sutherland.	Poltalloch - - -	of Lochbuie.
<b>ROSS AND CROMARTY—</b>			Edwin Bailey, M.D., M.O.
Fortrose - - -	Archd. Thom.		D. S. Melville, for Colon
Strathpeffer - - -	N. M'Lean, for Dr. H. W. Kaye.	<b>BUTE—</b>	Malcolm.
Glencarron - - -	D. D. Munro.	Rothsay - - -	J. Davidson, for John Rei
Stornoway - - -	The Meteorological Office.		Ardenraig.
<b>INVERNESS—</b>		<b>RENFREW—</b>	
Castlebay (Barra) - - -	The Meteorological Office.	Greenock - - -	D. Macalister, C.E., Wat
Inverness - - -	W. G. MacConnachie, M.A.	Paisley - - -	Trust.
Fort Augustus - - -	Rev. Cyril von Dieckhoff, O.S.B.		The Coats Observatory.
Fort William - - -	W. T. Kilgour.	<b>AYR—</b>	
Kingussie - - -	W. de Watteville, M.D.	Kilmarnock (Agri- cultural College)	Prof. Berry.
<b>NAIRN—</b>		Turnberry - - -	J. Richards.
Nairn - - -	The Meteorological Office.	Benwhat - - -	A. Gillespie, C.E.
<b>BANFF—</b>		Colmonell - - -	Andrew Ogg, for J. V
Banff - - -	A. J. Leigh, B.Sc. for Dr. E. I. Spriggs.		M'Connell of Knockdolia
<b>ELGIN OR MORAY—</b>		<b>LANARK—</b>	
Gordon Castle - - -	C. Webster, for the Duke of Richmond and Gordon, K.G.	Glasgow (Belvidere Hospital)	The Medical Superintende
<b>ABERDEEN—</b>		Glasgow (The Obser- vatory)	Prof. L. Becker, Ph.I
Braemar - - -	A. M. Shirran.	Glasgow (Springburn Park)	F.R.S.E.
Balmoral - - -	J. Michie, M.V.O., and J.M. Troup.	Thorntonhall - - -	The Meteorological Office.
Logie Coldstone - - -	J. B. Anderson, The School- house.	Hamilton - - -	A. Henderson Bishop.
Loanhead - - -	A. Farquharson.	Dungavel - - -	J. J. Storrar, for Duke
Aberdeen (King's Coll.)	The Meteorological Office.	Leadhills - - -	Hamilton and Brandon.
<b>KINCARDINE—</b>			J. M'Farlane, J.P.
Crathes - - -	J. Smith, J.P.	<b>LINLITHGOW—</b>	
<b>FORFAR—</b>		Bangour Village - - -	D. Hendry, for Jol
Montrose (Royal Asylum)	J. Masson.		Keay, M.D.
Arbroath - - -	J. Campbell, for the Natural History Association.	<b>EDINBURGH—</b>	
Lednathie - - -	W. G. Lindsay, for P. Stor- month Darling.	Edinburgh (Blackford)	Prof. R. A. Sampson, F.R.
Carnoustie - - -	D. Maxwell, C.E.	Edinburgh (Liberton)	J. Harris, for Coll. of Agi
Dundee (Eastern Necropolis)	A. Macrae, Curator of Parks.	Edinburgh (University)	culture.
Dundee Harbour - - -	J. H. Thompson, F.R.S.E.	Leith - - -	Prof. T. Hudson Bear
Dundee, College Garden	A. Duncan, for J. Malloch, Director of Studies.	Dalkeith - - -	F.R.S.E.
Balruddery - - -	G. Davie, for J. Martin White.		J. Bolam.
Kettins - - -	W. Andrew, The Schoolhouse.	<b>BERWICK—</b>	J. Whytock, for the Dul
<b>PERTH—</b>		Marchmont - - -	of Buccleuch, K.G.
Perth - - -	Henry Coates, F.R.S.E., The Museum.	Duns - - -	J. A. Wood.
Crieff - - -	Dr Meikle and G. Reid.		P. Smith, for F. S. Hay.
Stronvar - - -	G. Dickson, for J. Carnegie.	<b>PEEBLES—</b>	
<b>FIFE—</b>		West Linton - - -	Dr. J. Ritchie Jeffrey.
St Andrews - - -	W. Watson.	Glen - - -	Alex. Black, for Lord Glen
Cupar - - -	The Medical Superintendent, Fife and Kinross Asylum	<b>ROXBURGH—</b>	conner.
Lathallan - - -	Dr W. H. Bryce.	Kelso (Broomlands) - - -	J. C. Scott.
Kirkcaldy - - -	Rev. J. S. Begg.	Wolfelee - - -	W. Steedman, for Sir Robe
<b>STIRLING—</b>		<b>DUMFRIES—</b>	Laidlaw.
Buchlyvie - - -	Rev. J. A. Macdonald.	Eskdalemuir - - -	The Meteorological Office.
		Drumlanrig - - -	D. Inglis, for the Duke
		Dumfries - - -	Buccleuch, K.G.
		Comlongon - - -	C. C. Easterbrook, M.D
		<b>KIRKCUDBRIGHT—</b>	and E. Joss.
		Gargie - - -	A. H. Johnstone-Douglas.
		Cally - - -	Colonel R. F. Dudgeon.
			W. Thomson, for Colonel F
			Murray Baillie.





